

December 6, 2021



Georgia Department of Natural Resources
Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 104
Atlanta, Georgia 30354

6611 Bay Circle
Suite 220
Norcross, Georgia 30071, USA

Phone: 678-423-1199

www.cardno.com

Underground Storage Tank Closure Report
3760 Park Avenue
Doraville, DeKalb County, Georgia 30340
EPD USTMP Facility ID# 4440067
Cardno Project #: 0002631500

To Whom It May Concern:

On behalf of The City of Doraville, Cardno is pleased to submit this Underground Storage Tank (UST) Closure Report documenting the removal of a UST system located at 3760 Park Avenue, in Doraville, DeKalb County, Georgia.

The Site historically supported the City of Doraville Police Department as early as 1975 until it was demolished in 2020. This facility formerly contained a UST system with one 1,000-gallon gasoline UST installed February 1975, one 1,000-gallon gasoline UST installed in February 1984, and one 2,000-gallon gasoline UST installed March 1997. The two 1,000-gallon USTs were removed from the ground in March 1997 in accordance with Georgia EPD regulations and received a No Further Action (NFA) letter. The 2,000-gallon gasoline UST was closed-in-place in 2014 using perma-fill foam due to concerns with its close proximity to a former building foundation and an adjoining retaining wall. The closure in place was conducted in accordance with Georgia EPD regulations, and received an NFA in January 2015. Soil samples collected during both UST closures were analyzed for petroleum constituents, and all reported constituents were below regulatory limits.

After demolition of all former onsite buildings, on November 8, 2021, Cardno removed the closed-in-place 2,000-gallon gasoline UST and one dispenser island from the facility. Soil samples collected beneath the UST and dispenser island exhibited low concentrations of benzene, toluene, ethylbenzene, and total xylenes constituents (BTEX), below the threshold values for low-susceptibility groundwater areas greater than 500 feet from a potable water source (UST Closure Guidelines Table 4) and low concentrations of total petroleum hydrocarbons (TPH) in the soil sample collected from beneath the dispenser island (DI-1; 230 mg/kg maximum concentration).

Based on the minimal concentrations of petroleum constituents detected in closure samples collected by Cardno and the absence of petroleum constituents above laboratory method detection limits in deep soil samples collected during the previous UST closure event at the Site, Cardno respectfully requests no further action in regards to the closure by removal of the Site's 2,000-gallon UST and dispenser island.

Please contact the undersigned if further information or clarification is necessary.

Sincerely,

A blue ink signature of Sam Urban, consisting of a stylized 'S' followed by a cursive 'Urban'.

Sam Urban
Cardno
Project Manager
Direct Line: 678.496.7966
Sam.Urban@cardno.com

A blue ink signature of Keith Ziobron, consisting of a stylized 'K' followed by a cursive 'Ziobron'.

Keith Ziobron, PE
For Cardno
Senior Principal
Direct Line: 678.787.9576
Keith.Ziobron@cardno.com

Attachment: Underground Storage Tank Closure Report

Ecc: Chris Eldridge, City Manager, The City of Doraville

Georgia Department of Natural Resources


Environmental Protection Division
Underground Storage Tank Management Program
4244 International Parkway, Suite 104, Atlanta, Georgia 30354
404/362-2687

Underground Storage Tank Management Program UST Closure Report Form

If a boring or monitor well was extended to groundwater, the Professional Engineer (PE) or Professional Geologist (PG), registered in the State of Georgia, that supervised the work must complete and sign the following statement:

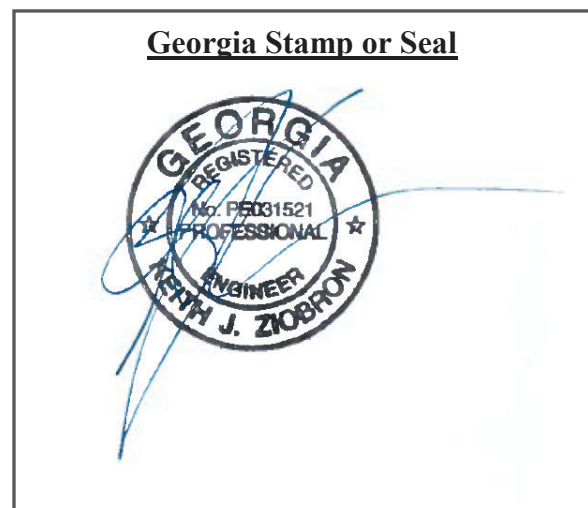
"I have supervised and directed the installation of the boring or monitor well and the interpretation of groundwater data, in accordance with the Water Well Standards Act, the Professional Engineer Act and the Professional Geologist Act. This report complies with the standards of the USTMP Act, Rules, and guidelines and other applicable state and federal environmental regulations. The information presented herein is true and accurate."

Name (print): **Keith Ziobron, PE**

Signature: 

Date: **December 3, 2021**

PG/PE Certification
Expiration Date:



I. UST OWNER, CONTRACTOR, AND FACILITY INFORMATION

A. Facility Information

| | |
|---------------------|--|
| Facility Name: | 3760 Park Avenue |
| Facility ID Number: | 4440067 |
| County: | DeKalb |
| Facility Address: | 3760 Park Avenue, Doraville, Georgia 30340 |

B. UST Owner Information

| | |
|----------------------------------|--|
| Name of UST Owner (print): | City of Doraville |
| Name of Company (if applicable): | City of Doraville |
| Phone Number: | (770) 451-8745 |
| Mailing Address: | 3725 Park Avenue, Doraville, Georgia 30340 |

I hereby certify that the information in this Closure Report and in all the attachments is true, accurate, and complete, and the Closure Report satisfies all criteria and requirements of Rule 391-3-15-.09 of the Georgia Rules for Underground Storage Tank Management.

Signature: _____

Date: _____

12/6/21

C. Environmental/Engineering Consultant Information

| | |
|-------------------------|---|
| Company Representative: | Peter Whitehouse |
| Company Name: | Cardno |
| Phone Number: | 910-580-7901 |
| Mailing Address: | 6611 Bay Circle, Suite 220, Norcross, Georgia 30071 |

I hereby certify that I have performed or supervised the work detailed in this report, and have examined and am familiar with the information submitted in this and all attached documents. The submitted information is, to the best of knowledge, true, accurate, complete, and in accordance with the Georgia Rules for Underground Storage Tank Management.

Signature: _____

Date: _____

12/6/2021

II. UST SYSTEM INFORMATION

Complete Sections A, B, and C if UST system information is known. If the system was previously removed and no UST system information is known, then check the box below and you do not have to complete Sections A, B, and C.

☐ UST SYSTEM WAS PREVIOUSLY REMOVED AND NO INFORMATION IS KNOWN

A. Tank Information

| LIST ALL UST'S THAT ARE STILL IN USE AT THE FACILITY: USE THE TANK ID LISTED ON THE TANK REGISTRATION FORM (7530) | | |
|--|---------------------|----------------|
| Tank ID | Substance(s) Stored | Size (Gallons) |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

| LIST TANKS THAT WERE CLOSED (IF APPLICABLE): USE THE TANK ID LISTED ON THE TANK REGISTRATION FORM (7530) | | | | | |
|---|---------------------|----------------|--|----------------|-------------|
| Tank ID | Substance(s) Stored | Size (Gallons) | How Closed | Date Last Used | Date Closed |
| 3 | Gasoline | 2,000 | <input checked="" type="checkbox"/> Removed <input type="checkbox"/> In Place | 11/1/2014 | 11/8/2021 |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |
| | | | <input type="checkbox"/> Removed <input type="checkbox"/> In Place | | |

B. Piping Information

Was Piping Closed? ☒ Yes ☐ No When closed? 11/5/2014

How Was the Piping Closed? ☐ Removed ☒ Capped ☐ Filled with Inert Material

C. Dispenser Information

Were dispenser islands closed? ☒ Yes ☐ No When closed? 11/8/2021

III. SAMPLING & ANALYTICAL REQUIREMENTS

If the UST system information is known, then use the tables and information below to complete Sections A, B, C, D, and E. If the UST system was previously removed and information is not known, then check the appropriate box below and do not complete Sections A, B, C, and D; however, Section E is required. For sampling requirements regarding sites in which no information concerning the UST system is known, see the UST Closure Guidance Document.

☐ UST SYSTEM WAS PREVIOUSLY REMOVED AND NO INFORMATION IS KNOWN

A. Tank Sampling

| Tank ID | Initial Number of Soil Samples Collected | Target Constituents | Delineation Samples Required & Collected? |
|---------|--|--|---|
| 3 | 2 | <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> PAH's <input checked="" type="checkbox"/> TPH-GRO <input checked="" type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | <input type="checkbox"/> BTEX <input type="checkbox"/> PAH's <input type="checkbox"/> TPH-GRO <input type="checkbox"/> TPH-DRO | <input type="checkbox"/> Yes <input type="checkbox"/> No |

B. Piping Sampling

Was the piping located directly above the tanks? ☐ Yes ☒ No

If YES, then piping samples were not necessary. If NO, answer the following questions:

How much total piping was closed (in feet)? 0

How many samples were collected? 0

What were the target constituents? ☐ BTEX ☐ PAH's ☐ TPH-GRO ☐ TPH-DRO

Were delineation soil samples required & collected? ☐ Yes ☒ No How many?

Were groundwater samples collected beneath the piping? ☐ Yes ☒ No

C. Dispenser Sampling

Were the dispensers located directly above the tanks? ☐ Yes ☒ No

If YES, then dispenser samples are not necessary. If NO, answer the following questions:

How many dispenser islands were closed? 1

How long was each dispenser island?

Island 1: 10 feet

Island 2:

Island 3:

Island 4:

For each dispenser island, how many samples were collected?

Island 1: 1

Island 2:

Island 3:

Island 4:

What were the target constituents? ☒ BTEX ☒ PAH's ☒ TPH-GRO ☒ TPH-DRO

Were delineation samples required & collected? ☐ Yes ☒ No How many?

Were groundwater samples collected beneath any of the dispenser islands? ☐ Yes ☒ No

D. Stockpile Sampling & Over-excavation

How much stockpiled soil was generated during closure activities (cubic yards)? 30

How many soil samples were collected from the stockpiled soil? 1

What were the target constituents? ☒ BTEX ☒ PAH's ☒ TPH-GRO ☒ TPH-DRO

What is the disposition of the excavated soil? ☒ Returned to excavation (may result in CAP-A)

☐ Transported to landfill (must provide manifests)

Was over-excavation performed? ☒ Yes ☐ No

If YES, please complete the following questions:

What were the dimensions of the excavation (length, width, and depth)?

15' x 9' x 8'

How many soil samples were collected from the excavation (excluding tank samples)? 0

E. Laboratory Methods Used

Please select all the laboratory methods used:

☐ 5035-8021 ☒ 5035-8260 ☐ 5030-8021 ☐ 5030-8260 ☒ 8270C ☐ 8310 ☒ 8015B

If Method 5035 was used, please indicate how samples were collected in the field?

☐ Encore™ ☒ Syringe/corer & field preserved 40 mL vial

**Attach all original laboratory data, including QA/QC information, lab narrative sheets, and the chain of custody, to the completed UST Closure Report.*

IV. HYDROGEOLOGY

Was groundwater encountered during closure activities? ☐ Yes ☒ No

At what depth was groundwater encountered?

How were the groundwater samples collected? ☐ Open Pit ☐ Boring/Well

V. SITE MAP

Please attach a site map to the completed Closure Report form. The EPD prefers a scaled site map; however, it is not required. If the map is not to scale, provide distances between the tank pit area, piping trenches, dispenser islands, sewer, water, utility lines (or other preferential pathways), road and main buildings. The map must also include a north (N) directional arrow. Tank ID's must correspond to the tank registration form (7530-1) and sample locations, sample identification numbers and depths must also be shown. Sample numbers must correspond to attached laboratory analytical data. Although not mandatory, photos may be attached to help clarify the UST system layout.

Please ensure that enough information is provided on the site map so that the facility, primarily the UST system, could be located if an EPD representative needed to visit the site.

VI. CONCLUSIONS

You must choose one of the following:

| | | |
|-------------------------------------|--------------------|---|
| <input type="checkbox"/> | No Further Action: | BTEX and PAH's are all below detection limits in the soil. TPH-GRO/DRO are below 10mg/kg. |
| <input checked="" type="checkbox"/> | No Further Action: | Soil contamination is identified, but BTEX and PAH's do not exceed applicable Soil Threshold Levels (as determined by completing a water resource survey). Samples requiring vertical delineation of BTEX and PAH's were delineated to below detection limits, and samples requiring vertical delineation of TPH-GRO/DRO were delineated to below 10 mg/kg. No groundwater encountered. |
| <input type="checkbox"/> | No Further Action: | Soil contamination could not be delineated to below detection limits because groundwater was encountered. Soil contamination does not exceed applicable Soil Threshold Levels and groundwater does not exceed drinking water or In-Stream Water Quality Standards for BTEX and PAH's (as determined by completing a water resource survey). |
| <input type="checkbox"/> | No Further Action: | Does not meet conditions above. Please justify: |
| <input type="checkbox"/> | CAP-Part A | None of the conditions above are met and therefore a CAP-Part A is warranted. |

Please note that it is the EPD's discretion if no further action (NFA) status is granted or if a CAP-Part A is requested. If none of the NFA conditions listed above is met, the EPD may still grant NFA status depending on site conditions. Conversely, the EPD may request a CAP-Part A even if one of the NFA conditions listed above is met. However, these situations are rare and are determined by carefully reviewing all available data. Under no circumstances should the above conditions be modified in order to receive NFA status.

UST Closure Report

Figures

1. USGS Site Vicinity Map
2. Site Boundary Map
3. Sample Location Map
4. Soil Quality Map

Tables

1. Soil Analytical Results

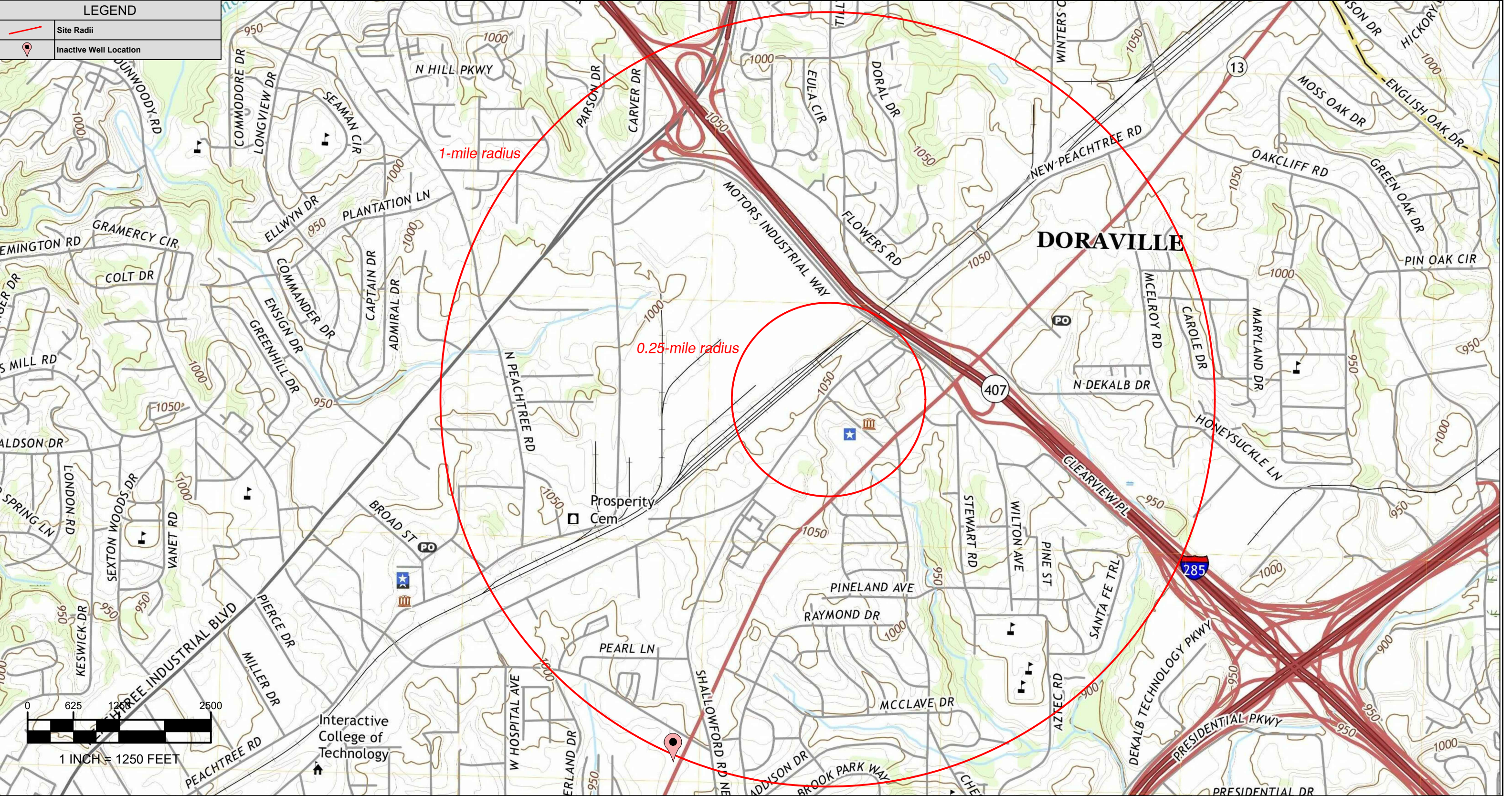
Appendix A – Laboratory Analytical Report

Appendix B – Water Resource Survey

Appendix C – EPD USTMP 7530 Form

UST Closure – 3760 Park
Ave.

Figures



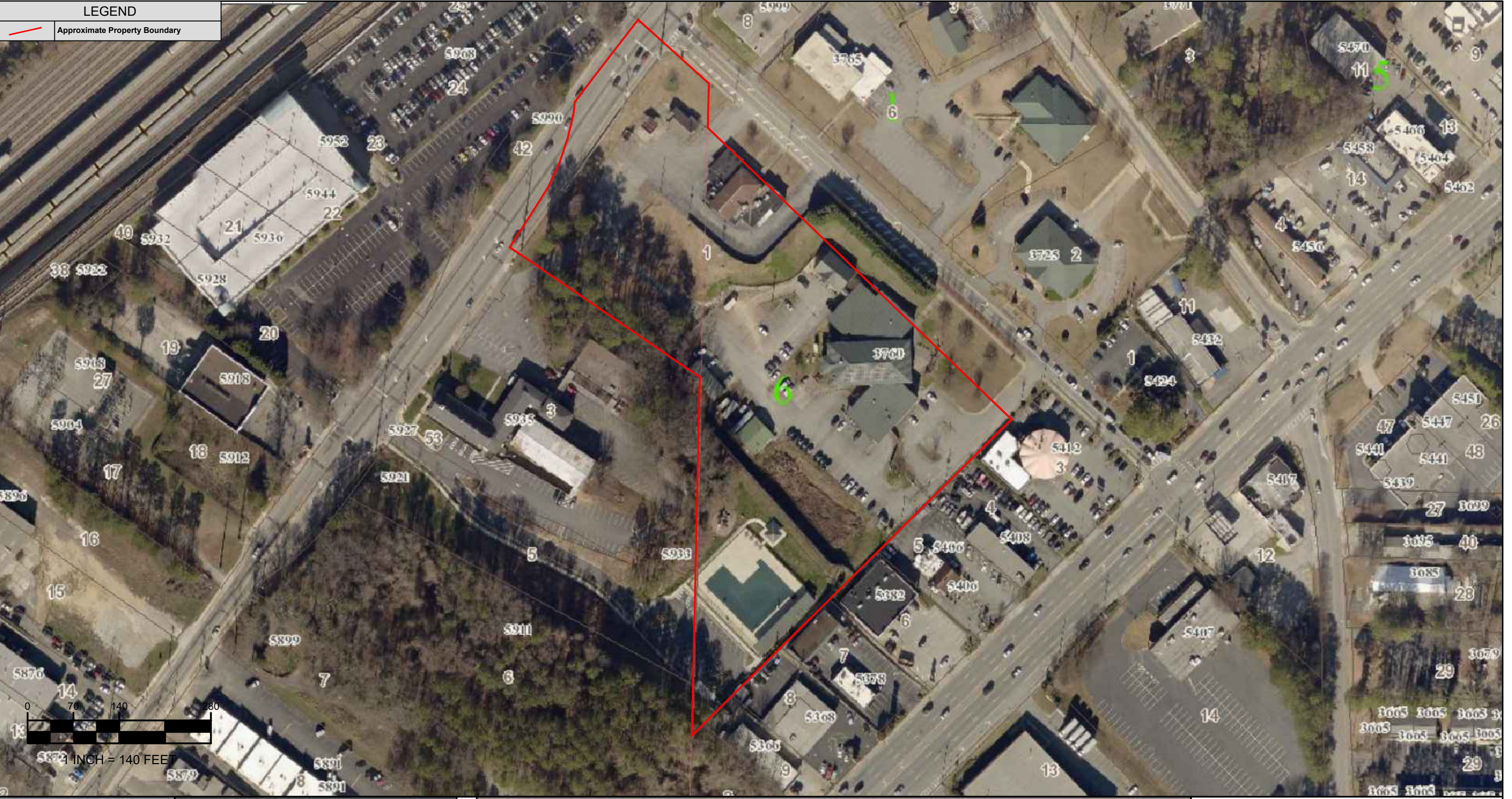
Notes: Imagery from USGS Topographic Map, Chamblee Quadrangle (2020)

Figure 1: USGS Site Vicinity Map

Downtown Assemblage
3760 Park Avenue
Doraville, Georgia



6611 Bay Circle, Suite 220
Norcross, GA 30071








Notes: Imagery from DeKalb County GIS
<<https://dekalbgis.maps.arcgis.com/apps/webappviewer/index.html?id=f241af753f414cdfa31c1fdef0924584>>

Figure 2: Site Boundary Map

Downtown Assemblage
3760 Park Avenue
Doraville, Georgia



6611 Bay Circle, Suite 220
Norcross, GA 30071

| LEGEND | |
|--|--|
|  | Approximate Tank Excavation Boundaries |
|  | UST Location |
|  | Approximate Soil Sample Location |
|  | Former Dispenser Island Location |
|  | Former Product Piping |









Notes: Imagery from DeKalb County GIS
<<https://dekalbgis.maps.arcgis.com/apps/webappviewer/index.html?id=f241af753f414cdfa31c1fdef0924584>>

Figure 3: Sample Location Map

Downtown Assemblage
3760 Park Avenue
Doraville, Georgia



6611 Bay Circle, Suite 220
Norcross, GA 30071

| LEGEND | |
|--|--|
|  | Approximate Tank Excavation Boundaries |
|  | UST Location |
|  | Approximate Soil Sample Location |
|  | Former Dispenser Island Location |
|  | Former Product Piping |
|  | Concentration > GA USTMP Threshold |



UST Closure – 3760 Park
Ave.

Tables

Soil Analytical Results
EPA Methods SW8260D, SW8270E, & SW8015C

3760 Park Avenue
Doraville, DeKalb County, Georgia
EPD USTMP Facility ID# 440067

| Sample | Date Collected | Sample Depth (feet bgs) | Results in mg/Kg or parts per million (Detections Only) | | | | | | | PAHs |
|---------------------------------|----------------|-------------------------|---|---------------|--------------|-----------------|---------------|-----------------------------|---------------------------|--|
| | | | Benzene | Toluene | Ethylbenzene | Xylenes (total) | Total BTEX | TPH-Gasoline Range Organics | TPH-Diesel Range Organics | |
| T-1N | 11/8/2021 | 8 | < 0.0007 | < 0.0007 | < 0.0007 | < 0.0022 | ND | < 0.37 | < 8.2 | No PAH constituents were detected above laboratory method detection limits |
| T-1S | 11/8/2021 | 8 | 0.0042 | 0.012 | < 0.0008 | 0.0109 | 0.0271 | < 0.42 | < 7.9 | |
| DI-1 | 11/8/2021 | 2 | 0.0011 | 0.0075 | 1.30 | 2.39 | 3.6986 | 230 | 150 | |
| SP-1 | 11/8/2021 | N/A | < 0.0008 | < 0.0008 | < 0.0008 | < 0.0024 | ND | < 0.41 | < 8.2 | |
| Regulatory Threshold (GA USTMP) | | | 11.3 | 500 | 140 | 700 | N/A | 10 | 10 | N/A |

Notes:

PAHs = Polycyclic Aromatic Hydrocarbons

TPH = Total Petroleum Hydrocarbon

bgs = below ground surface

mg/kg = milligrams per kilogram

NA = Not Applicable

ND = Not detected

* = xylene regulatory threshold listed as a sum

150 = exceeds regulatory threshold

Regulatory Threshold = Lower Groundwater Pollution Susceptibility Area (Where public water supplies do not exist within 1.0 mile or non-public supplies exist within 0.25 miles), >500' to surface water body



UST Closure – 3760 Park
Ave.

APPENDIX

A

LABORATORY ANALYTICAL
REPORT



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

November 16, 2021

Sam Urban
Cardno

6611 Bay Circle
Peachtree Corners GA 30071

RE: 3760 Park Ave.

Dear Sam Urban:

Order No: 2111927

Analytical Environmental Services, Inc. received 7 samples on 11/8/2021 3:30:00 PM for the analyses presented in following report.

"No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES's accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

These results relate only to the items tested as received. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Ioana Pacurar
Project Manager

CHAIN OF CUSTODY

| COMPANY: <u>Cardno</u> | | ADDRESS: <u>6611 Bay Circle, Suite 220</u> <u>Norcross GA</u> | | | | ANALYSIS REQUESTED | | | | | | | | | | Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account. | | Number of Containers |
|-------------------------------------|-----------|---|------|------|-----------|---|--------------------------|---|---|---|--|--|--|--|--|---|---------------|----------------------|
| PHONE: <u>110-580-7901</u> | | EMAIL: <u>Sam Urban @ cardno.com</u> | | | | <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <u>BTEX 8260</u> <u>GL 80159</u> <u>ORO</u> <u>PAHS 8270</u> </div> <div></div> </div> | | | | | | | | | | | | |
| SAMPLED BY: <u>Peter Whitehouse</u> | | SIGNATURE: <u>Peter Whitehouse</u> | | | | | | | | | | | | | | | | |
| # | SAMPLE ID | SAMPLED: | | GRAB | COMPOSITE | MATRIX (see codes) | PRESERVATION (see codes) | | | | | | | | | | REMARKS | |
| | | DATE | TIME | | | | | | | | | | | | | | | |
| 1 | EB-1 | 11/8 | 1210 | X | | GW | X | X | | | | | | | | | Standard turn | |
| 2 | FB-1 | | 1220 | | | " | | | | | | | | | | | " " | |
| 3 | SP-1 | | 1035 | | | So | | | X | X | | | | | | | 1-day turn | |
| 4 | PI-1 | | 1400 | | | | | | | | | | | | | | Standard turn | |
| 5 | TI-N | | 1440 | | | | | | | | | | | | | | | |
| 6 | TI-S | | 1455 | * | | X | X | X | X | X | | | | | | | ↓ | |
| 7 | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|---|--|--------------------------------|--|--|--|----------------------------------|--|---------------------------------------|--|--|--|--|--|
| RELINQUISHED BY: <u>Peter Whitehouse</u> | | DATE/TIME: <u>11/8/15 3:00</u> | | RECEIVED BY: <u>[Signature]</u> | | DATE/TIME: <u>11.08.20 15:30</u> | | PROJECT INFORMATION | | | | RECEIPT | |
| 1. | | | | 1. | | | | PROJECT NAME: <u>3760 Park Ave.</u> | | | | Total # of Containers | |
| 2. | | | | 2. | | | | | | | | | |
| 3. | | | | 3. | | | | PROJECT #: <u>Braville, GA</u> | | | | Turnaround Time (TAT) Request <input type="checkbox"/> Standard <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input checked="" type="checkbox"/> Other <u>Comments</u> | |
| | | | | | | | | | | | | | |
| SPECIAL INSTRUCTIONS/COMMENTS: <u>SP-1 on 1-day turn;</u> <u>all others standard</u> | | | | SHIPMENT METHOD OUT: / / VIA: IN: / / VIA: Client FedEx UPS US mail courier other: _____ | | | | SEND REPORT TO: <u>Sam Urban</u> | | | | REGULATORY PROGRAM (if any): | |
| | | | | | | | | INVOICE TO (IF DIFFERENT FROM ABOVE): | | | | | |
| | | | | | | | | QUOTE #: <u>120053</u> | | | | PO#: _____ | |
| DATA PACKAGE: <input type="radio"/> I <input type="radio"/> II <input type="radio"/> III <input type="radio"/> IV <input type="radio"/> O | | | | | | | | | | | | | |

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Client assumes sole responsibility for damage or loss of samples before we accept them. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Client: Cardno
Project: 3760 Park Ave.
Lab ID: 2111927

Case Narrative

Volatile Organic Compounds Analysis by Method 8015C:

Matrix spike and/or matrix spike duplicate analyses were not performed with Batch 325596 due to insufficient sample volume.

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-001

Client Sample ID: EB-1
Collection Date: 11/8/2021 12:10:00 PM
Matrix: Groundwater

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|-----------------|------|-------|------------------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | | | | (SW5030B) | | | |
| Benzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| Toluene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| Ethylbenzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| m,p-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| o-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| Surr: 4-Bromofluorobenzene | 103 | 74.9-127 | | %REC | 325583 | 1 | 11/10/2021 17:57 | JB |
| GASOLINE RANGE ORGANICS SW8015C | | | | | (SW5030B) | | | |
| TPH (Gasoline Range Organics) | BRL | 0.50 | | mg/L | 325583 | 1 | 11/10/2021 17:57 | JB |
| Surr: a.a.a-trifluorotoluene | 91.1 | 67.8-133 | | %REC | 325583 | 1 | 11/10/2021 17:57 | JB |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-002

Client Sample ID: FB-1
Collection Date: 11/8/2021 12:20:00 PM
Matrix: Groundwater

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|-----------------|------|-------|------------------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | | | | (SW5030B) | | | |
| Benzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| Toluene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| Ethylbenzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| m,p-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| o-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| Surr: 4-Bromofluorobenzene | 100 | 74.9-127 | | %REC | 325583 | 1 | 11/10/2021 19:05 | JB |
| GASOLINE RANGE ORGANICS SW8015C | | | | | (SW5030B) | | | |
| TPH (Gasoline Range Organics) | BRL | 0.50 | | mg/L | 325583 | 1 | 11/10/2021 19:05 | JB |
| Surr: a.a.a-trifluorotoluene | 88.5 | 67.8-133 | | %REC | 325583 | 1 | 11/10/2021 19:05 | JB |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-003

Client Sample ID: SP-1
Collection Date: 11/8/2021 10:35:00 AM
Matrix: Soil

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|------------------|------|-----------|---------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | (SW5035) | | | | | | |
| Benzene | BRL | 0.0008 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| Toluene | BRL | 0.0008 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| Ethylbenzene | BRL | 0.0008 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| m,p-Xylene | BRL | 0.0016 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| o-Xylene | BRL | 0.0008 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| Surr: 4-Bromofluorobenzene | 99.8 | 66.5-131 | | %REC | 325596 | 1 | 11/09/2021 12:30 | AG |
| POLYAROMATIC HYDROCARBONS SW8270E | | (SW3550C) | | | | | | |
| Naphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Acenaphthylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| 1-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| 2-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Acenaphthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Fluorene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Phenanthrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Benz(a)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Chrysene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Benzo(b)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Benzo(k)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Benzo(a)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Dibenz(a,h)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Benzo(g,h,i)perylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Indeno(1,2,3-cd)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 12:15 | TO |
| Surr: 2-Fluorobiphenyl | 90.3 | 51.7-120 | | %REC | 325438 | 1 | 11/10/2021 12:15 | TO |
| Surr: 4-Terphenyl-d14 | 96.3 | 51.2-117 | | %REC | 325438 | 1 | 11/10/2021 12:15 | TO |
| Surr: Nitrobenzene-d5 | 83.3 | 51.2-120 | | %REC | 325438 | 1 | 11/10/2021 12:15 | TO |
| GASOLINE RANGE ORGANICS SW8015C | | (SW5035) | | | | | | |
| TPH (Gasoline Range Organics) | BRL | 0.41 | | mg/Kg-dry | 325596 | 1 | 11/09/2021 12:30 | AG |
| Surr: a.a.a-trifluorotoluene | 129 | 65.1-134 | | %REC | 325596 | 1 | 11/09/2021 12:30 | AG |
| DIESEL RANGE ORGANICS SW8015C | | (SW3541) | | | | | | |
| TPH (Diesel Range Organics) | BRL | 8.2 | | mg/Kg-dry | 325422 | 1 | 11/10/2021 12:29 | BH |
| Surr: Dioctylphthalate | 67.9 | 50-120 | | %REC | 325422 | 1 | 11/10/2021 12:29 | BH |
| PERCENT MOISTURE D2216 | | | | | | | | |
| Percent Moisture | 18.4 | 0 | | wt% | R469643 | 1 | 11/09/2021 00:00 | JW |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-004

Client Sample ID: DI-1
Collection Date: 11/8/2021 2:00:00 PM
Matrix: Soil

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|------------------|------|-----------|---------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | (SW5035) | | | | | | |
| Benzene | 0.0011 | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 16:10 | AG |
| Toluene | 0.0075 | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 16:10 | AG |
| Ethylbenzene | 1.3 | 0.036 | | mg/Kg-dry | 325698 | 50 | 11/11/2021 20:13 | AG |
| m,p-Xylene | 2.2 | 0.072 | | mg/Kg-dry | 325698 | 50 | 11/11/2021 20:13 | AG |
| o-Xylene | 0.19 | 0.036 | | mg/Kg-dry | 325698 | 50 | 11/11/2021 20:13 | AG |
| Surr: 4-Bromofluorobenzene | 118 | 66.5-131 | | %REC | 325772 | 1 | 11/12/2021 16:10 | AG |
| Surr: 4-Bromofluorobenzene | 109 | 66.5-131 | | %REC | 325698 | 50 | 11/11/2021 20:13 | AG |
| POLYAROMATIC HYDROCARBONS SW8270E | | (SW3550C) | | | | | | |
| Naphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Acenaphthylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| 1-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| 2-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Acenaphthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Fluorene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Phenanthrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Benz(a)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Chrysene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Benzo(b)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Benzo(k)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Benzo(a)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Dibenz(a,h)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Benzo(g,h,i)perylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Indeno(1,2,3-cd)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 21:05 | TO |
| Surr: 2-Fluorobiphenyl | 89.7 | 51.7-120 | | %REC | 325438 | 1 | 11/10/2021 21:05 | TO |
| Surr: 4-Terphenyl-d14 | 89.5 | 51.2-117 | | %REC | 325438 | 1 | 11/10/2021 21:05 | TO |
| Surr: Nitrobenzene-d5 | 81.1 | 51.2-120 | | %REC | 325438 | 1 | 11/10/2021 21:05 | TO |
| GASOLINE RANGE ORGANICS SW8015C | | (SW5035) | | | | | | |
| TPH (Gasoline Range Organics) | 230 | 18 | | mg/Kg-dry | 325698 | 50 | 11/11/2021 20:13 | AG |
| Surr: a.a.a-trifluorotoluene | 99.3 | 65.1-134 | | %REC | 325698 | 50 | 11/11/2021 20:13 | AG |
| DIESEL RANGE ORGANICS SW8015C | | (SW3541) | | | | | | |
| TPH (Diesel Range Organics) | 150 | 8.0 | | mg/Kg-dry | 325422 | 1 | 11/11/2021 20:31 | BH |
| Surr: Dioctylphthalate | 67.3 | 50-120 | | %REC | 325422 | 1 | 11/11/2021 20:31 | BH |
| PERCENT MOISTURE D2216 | | | | | | | | |
| Percent Moisture | 16.7 | 0 | | wt% | R469643 | 1 | 11/09/2021 00:00 | JW |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-005

Client Sample ID: TI-N
Collection Date: 11/8/2021 2:40:00 PM
Matrix: Soil

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|------------------|------|-----------|---------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | (SW5035) | | | | | | |
| Benzene | BRL | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| Toluene | BRL | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| Ethylbenzene | BRL | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| m,p-Xylene | BRL | 0.0015 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| o-Xylene | BRL | 0.0007 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| Surr: 4-Bromofluorobenzene | 98.1 | 66.5-131 | | %REC | 325772 | 1 | 11/12/2021 15:25 | AG |
| POLYAROMATIC HYDROCARBONS SW8270E | | (SW3550C) | | | | | | |
| Naphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Acenaphthylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| 1-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| 2-Methylnaphthalene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Acenaphthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Fluorene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Phenanthrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Benz(a)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Chrysene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Benzo(b)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Benzo(k)fluoranthene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Benzo(a)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Dibenz(a,h)anthracene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Benzo(g,h,i)perylene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Indeno(1,2,3-cd)pyrene | BRL | 0.40 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:41 | TO |
| Surr: 2-Fluorobiphenyl | 89.7 | 51.7-120 | | %REC | 325438 | 1 | 11/10/2021 20:41 | TO |
| Surr: 4-Terphenyl-d14 | 93.9 | 51.2-117 | | %REC | 325438 | 1 | 11/10/2021 20:41 | TO |
| Surr: Nitrobenzene-d5 | 79 | 51.2-120 | | %REC | 325438 | 1 | 11/10/2021 20:41 | TO |
| GASOLINE RANGE ORGANICS SW8015C | | (SW5035) | | | | | | |
| TPH (Gasoline Range Organics) | BRL | 0.37 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:25 | AG |
| Surr: a.a.a-trifluorotoluene | 123 | 65.1-134 | | %REC | 325772 | 1 | 11/12/2021 15:25 | AG |
| DIESEL RANGE ORGANICS SW8015C | | (SW3541) | | | | | | |
| TPH (Diesel Range Organics) | BRL | 8.2 | | mg/Kg-dry | 325422 | 1 | 11/11/2021 20:58 | BH |
| Surr: Dioctylphthalate | 63.8 | 50-120 | | %REC | 325422 | 1 | 11/11/2021 20:58 | BH |
| PERCENT MOISTURE D2216 | | | | | | | | |
| Percent Moisture | 18.3 | 0 | | wt% | R469643 | 1 | 11/09/2021 00:00 | JW |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-006

Client Sample ID: TI-S
Collection Date: 11/8/2021 2:55:00 PM
Matrix: Soil

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|--|--------|------------------|------|-----------|---------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | (SW5035) | | | | | | |
| Benzene | 0.0042 | 0.0008 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| Toluene | 0.012 | 0.0008 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| Ethylbenzene | BRL | 0.0008 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| m,p-Xylene | 0.0068 | 0.0017 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| o-Xylene | 0.0041 | 0.0008 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| Surr: 4-Bromofluorobenzene | 97.1 | 66.5-131 | | %REC | 325772 | 1 | 11/12/2021 15:47 | AG |
| POLYAROMATIC HYDROCARBONS SW8270E | | (SW3550C) | | | | | | |
| Naphthalene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Acenaphthylene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| 1-Methylnaphthalene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| 2-Methylnaphthalene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Acenaphthene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Fluorene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Phenanthrene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Anthracene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Fluoranthene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Pyrene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Benz(a)anthracene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Chrysene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Benzo(b)fluoranthene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Benzo(k)fluoranthene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Benzo(a)pyrene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Dibenz(a,h)anthracene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Benzo(g,h,i)perylene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Indeno(1,2,3-cd)pyrene | BRL | 0.39 | | mg/Kg-dry | 325438 | 1 | 11/10/2021 20:17 | TO |
| Surr: 2-Fluorobiphenyl | 91.2 | 51.7-120 | | %REC | 325438 | 1 | 11/10/2021 20:17 | TO |
| Surr: 4-Terphenyl-d14 | 95.8 | 51.2-117 | | %REC | 325438 | 1 | 11/10/2021 20:17 | TO |
| Surr: Nitrobenzene-d5 | 89.5 | 51.2-120 | | %REC | 325438 | 1 | 11/10/2021 20:17 | TO |
| GASOLINE RANGE ORGANICS SW8015C | | (SW5035) | | | | | | |
| TPH (Gasoline Range Organics) | BRL | 0.42 | | mg/Kg-dry | 325772 | 1 | 11/12/2021 15:47 | AG |
| Surr: a.a.a-trifluorotoluene | 102 | 65.1-134 | | %REC | 325772 | 1 | 11/12/2021 15:47 | AG |
| DIESEL RANGE ORGANICS SW8015C | | (SW3541) | | | | | | |
| TPH (Diesel Range Organics) | BRL | 7.9 | | mg/Kg-dry | 325422 | 1 | 11/11/2021 21:26 | BH |
| Surr: Dioctylphthalate | 147 | 50-120 | S | %REC | 325422 | 1 | 11/11/2021 21:26 | BH |
| PERCENT MOISTURE D2216 | | | | | | | | |
| Percent Moisture | 14.8 | 0 | | wt% | R469643 | 1 | 11/09/2021 00:00 | JW |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Cardno
Project Name: 3760 Park Ave.
Lab ID: 2111927-007

Client Sample ID: TRIP BLANK
Collection Date: 11/8/2021
Matrix: Aqueous

| Analyses | Result | Reporting Limit | Qual | Units | BatchID | Dilution Factor | Date Analyzed | Analyst |
|----------------------------------|--------|-----------------|------|-------|------------------|-----------------|------------------|---------|
| VOLATILE ORGANICS SW8260D | | | | | | | | |
| | | | | | (SW5030B) | | | |
| Benzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 02:11 | JB |
| Toluene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 02:11 | JB |
| Ethylbenzene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 02:11 | JB |
| m,p-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 02:11 | JB |
| o-Xylene | BRL | 1.0 | | ug/L | 325583 | 1 | 11/10/2021 02:11 | JB |
| Surr: 4-Bromofluorobenzene | 102 | 74.9-127 | | %REC | 325583 | 1 | 11/10/2021 02:11 | JB |

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: Cardno

AES Work Order Number: 2111927

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☒ Courier ☐ Other ☐

| | Yes | No | N/A | Details | Comments |
|---|----------------------------------|----------------------------------|----------------------------------|---|----------|
| 3. Shipping container/cooler received in good condition? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | damaged <input type="checkbox"/> leaking <input type="checkbox"/> other <input type="checkbox"/> | |
| 4. Custody seals present on shipping container? | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | | |
| 5. Custody seals intact on shipping container? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |
| 6. Temperature blanks present? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.] | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Cooling initiated for recently collected samples / ice present <input type="checkbox"/> | |
| 8. Chain of Custody (COC) present? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 9. Chain of Custody signed, dated, and timed when relinquished and received? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 10. Sampler name and/or signature on COC? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 11. Were all samples received within holding time? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 12. TAT marked on the COC? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | If no TAT indicated, proceeded with standard TAT per Terms & Conditions. <input type="checkbox"/> | |

13. Cooler 1 Temperature 3.9 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials).

CP 11/08/2021

| | Yes | No | N/A | Details | Comments |
|---|----------------------------------|----------------------------------|----------------------------------|---|----------|
| 16. Were sample containers intact upon receipt? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 17. Custody seals present on sample containers? | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | | |
| 18. Custody seals intact on sample containers? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |
| 19. Do sample container labels match the COC? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | incomplete info <input type="checkbox"/> illegible <input type="checkbox"/> no label <input type="checkbox"/> other <input type="checkbox"/> | |
| 20. Are analyses requested indicated on the COC? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 21. Were all of the samples listed on the COC received? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | samples received but not listed on COC <input type="checkbox"/> samples listed on COC not received <input type="checkbox"/> | |
| 22. Was the sample collection date/time noted? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 23. Did we receive sufficient sample volume for indicated analyses? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 24. Were samples received in appropriate containers? | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| 25. Were VOA samples received without headspace (< 1/4" bubble)? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |
| 26. Were trip blanks submitted? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | listed on COC <input type="checkbox"/> not listed on COC <input type="checkbox"/> | |

27. Comments: _____

This section only applies to samples where pH can be checked at Sample Receipt.

I certify that I have completed sections 16-27 (dated initials).

CW 11/8/21

| | Yes | No | N/A | Details | Comments |
|---|-----------------------|-----------------------|----------------------------------|---------|----------|
| 28. Have containers needing chemical preservation been checked? * | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |
| 29. Containers meet preservation guidelines? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |
| 30. Was pH adjusted at Sample Receipt? | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | |

* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials).

CW 11/8/21

Locked

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325422**

| | | | | | | | | | | | |
|-----------------------------|--|----------------|------------------------|-------------|---------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: MB-325422 | Client ID: | | | | Units: mg/Kg | Prep Date: 11/09/2021 | Run No: 469810 | | | | |
| SampleType: MBLK | TestCode: DIESEL RANGE ORGANICS | SW8015C | BatchID: 325422 | | | Analysis Date: 11/10/2021 | Seq No: 10806947 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Diesel Range Organics) BRL 6.7
Surr: Dioctylphthalate 3.020 0 3.300 91.5 50 120

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325422 | Client ID: | | | | | Units: mg/Kg | Prep Date: 11/09/2021 | Run No: 469810 | | | |
| SampleType: LCS | TestCode: DIESEL RANGE ORGANICS | SW8015C | BatchID: 325422 | | | | Analysis Date: 11/10/2021 | Seq No: 10806948 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Diesel Range Organics) 26.25 6.7 33.30 78.8 53.8 120
Surr: Dioctylphthalate 2.982 0 3.330 89.6 50 120

| | | | | | | | | | | | |
|----------------------------------|--|-----------|-----------|-------------|-------------------------|----------------------------------|------------|-------------------------|------|-----------|------|
| Sample ID: 2111626-010CMS | Client ID: | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | | Run No: 469810 | | | |
| SampleType: MS | TestCode: DIESEL RANGE ORGANICS SW8015C | | | | BatchID: 325422 | Analysis Date: 11/10/2021 | | Seq No: 10806950 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Diesel Range Organics) 33.68 8.6 42.53 79.2 40.6 121
Surr: Dioctylphthalate 3.640 0 4.253 85.6 50 120

| | | | | | | | | | | | |
|----------------------------------|--|----------------|------------------------|-------------|-------------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: 2111626-010MSD | Client ID: | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469810 | | | | |
| SampleType: MSD | TestCode: DIESEL RANGE ORGANICS | SW8015C | BatchID: 325422 | | | Analysis Date: 11/10/2021 | Seq No: 10806951 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Diesel Range Organics) 33.23 8.6 42.53 78.1 40.6 121 33.68 1.34 35.6
Surr: Dioctylphthalate 3.644 0 4.253 85.7 50 120 3.640 0 0

Qualifiers:

| | | | | | |
|---------|--|---|---|---|--|
| > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325438**

| | | | | | | | | | | | |
|-----------------------------|--|----------------|-----------|-------------|------|------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: MB-325438 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: MBLK | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | | | | BatchID: 325438 | Analysis Date: 11/10/2021 | Seq No: 10805828 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|------------------------|------|-----|------|--|------|------|-----|--|--|--|--|
| 1-Methylnaphthalene | BRL | 330 | | | | | | | | | |
| 2-Methylnaphthalene | BRL | 330 | | | | | | | | | |
| Acenaphthene | BRL | 330 | | | | | | | | | |
| Acenaphthylene | BRL | 330 | | | | | | | | | |
| Anthracene | BRL | 330 | | | | | | | | | |
| Benz(a)anthracene | BRL | 330 | | | | | | | | | |
| Benzo(a)pyrene | BRL | 330 | | | | | | | | | |
| Benzo(b)fluoranthene | BRL | 330 | | | | | | | | | |
| Benzo(g,h,i)perylene | BRL | 330 | | | | | | | | | |
| Benzo(k)fluoranthene | BRL | 330 | | | | | | | | | |
| Chrysene | BRL | 330 | | | | | | | | | |
| Dibenz(a,h)anthracene | BRL | 330 | | | | | | | | | |
| Fluoranthene | BRL | 330 | | | | | | | | | |
| Fluorene | BRL | 330 | | | | | | | | | |
| Indeno(1,2,3-cd)pyrene | BRL | 330 | | | | | | | | | |
| Naphthalene | BRL | 330 | | | | | | | | | |
| Phenanthrene | BRL | 330 | | | | | | | | | |
| Pyrene | BRL | 330 | | | | | | | | | |
| Surr: 2-Fluorobiphenyl | 1478 | 0 | 1667 | | 88.7 | 51.7 | 120 | | | | |
| Surr: 4-Terphenyl-d14 | 1708 | 0 | 1667 | | 102 | 51.2 | 117 | | | | |
| Surr: Nitrobenzene-d5 | 1365 | 0 | 1667 | | 81.9 | 51.2 | 120 | | | | |

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|---------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: LCS-325438 | Client ID: | | | | Units: ug/Kg | Prep Date: 11/09/2021 | Run No: 469830 | | | | |
| SampleType: LCS | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | BatchID: 325438 | | | Analysis Date: 11/10/2021 | Seq No: 10805829 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|---------------------|------|-----|------|--|------|------|-----|--|--|--|--|
| 1-Methylnaphthalene | 1516 | 330 | 1667 | | 90.9 | 64.7 | 120 | | | | |
| 2-Methylnaphthalene | 1511 | 330 | 1667 | | 90.6 | 63.9 | 120 | | | | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
 Project Name: 3760 Park Ave.
 Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325438

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325438 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: LCS | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | BatchID: 325438 | | | | Analysis Date: 11/10/2021 | Seq No: 10805829 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|------------------------|------|-----|------|--|------|------|-----|--|--|--|--|
| Acenaphthene | 1432 | 330 | 1667 | | 85.9 | 62.1 | 120 | | | | |
| Acenaphthylene | 1487 | 330 | 1667 | | 89.2 | 62.3 | 120 | | | | |
| Anthracene | 1519 | 330 | 1667 | | 91.1 | 66.3 | 120 | | | | |
| Benz(a)anthracene | 1644 | 330 | 1667 | | 98.6 | 65.4 | 120 | | | | |
| Benzo(a)pyrene | 1551 | 330 | 1667 | | 93.0 | 67 | 120 | | | | |
| Benzo(b)fluoranthene | 1532 | 330 | 1667 | | 91.9 | 64.8 | 120 | | | | |
| Benzo(g,h,i)perylene | 1579 | 330 | 1667 | | 94.8 | 65 | 120 | | | | |
| Benzo(k)fluoranthene | 1543 | 330 | 1667 | | 92.6 | 67.3 | 120 | | | | |
| Chrysene | 1565 | 330 | 1667 | | 93.9 | 64.5 | 120 | | | | |
| Dibenz(a,h)anthracene | 1594 | 330 | 1667 | | 95.7 | 65.7 | 120 | | | | |
| Fluoranthene | 1619 | 330 | 1667 | | 97.2 | 68.2 | 120 | | | | |
| Fluorene | 1556 | 330 | 1667 | | 93.4 | 65.5 | 120 | | | | |
| Indeno(1,2,3-cd)pyrene | 1579 | 330 | 1667 | | 94.7 | 65.3 | 120 | | | | |
| Naphthalene | 1413 | 330 | 1667 | | 84.8 | 61.1 | 120 | | | | |
| Phenanthrene | 1556 | 330 | 1667 | | 93.4 | 65.8 | 120 | | | | |
| Pyrene | 1515 | 330 | 1667 | | 90.9 | 63 | 120 | | | | |
| Surr: 2-Fluorobiphenyl | 1505 | 0 | 1667 | | 90.3 | 51.7 | 120 | | | | |
| Surr: 4-Terphenyl-d14 | 1647 | 0 | 1667 | | 98.8 | 51.2 | 117 | | | | |
| Surr: Nitrobenzene-d5 | 1375 | 0 | 1667 | | 82.5 | 51.2 | 120 | | | | |

| | | | | | | | | | | | |
|----------------------------------|--|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111626-006CMS | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: MS | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | BatchID: 325438 | | | | Analysis Date: 11/10/2021 | Seq No: 10807276 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|---------------------|-------|------|-------|--|------|------|-----|--|--|--|--|
| 1-Methylnaphthalene | 2.202 | 0.46 | 2.313 | | 95.2 | 41.8 | 120 | | | | |
| 2-Methylnaphthalene | 2.130 | 0.46 | 2.313 | | 92.1 | 42.5 | 120 | | | | |
| Acenaphthene | 1.998 | 0.46 | 2.313 | | 86.4 | 44 | 120 | | | | |
| Acenaphthylene | 2.027 | 0.46 | 2.313 | | 87.6 | 41.9 | 120 | | | | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325438**

| | | | | | | | | | | | |
|----------------------------------|--|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111626-006CMS | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: MS | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | BatchID: 325438 | | | | Analysis Date: 11/10/2021 | Seq No: 10807276 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|------------------------|-------|------|-------|--|------|------|-----|--|--|--|--|
| Anthracene | 2.121 | 0.46 | 2.313 | | 91.7 | 47.7 | 120 | | | | |
| Benz(a)anthracene | 2.253 | 0.46 | 2.313 | | 97.4 | 45.5 | 120 | | | | |
| Benzo(a)pyrene | 2.187 | 0.46 | 2.313 | | 94.5 | 43.6 | 120 | | | | |
| Benzo(b)fluoranthene | 2.075 | 0.46 | 2.313 | | 89.7 | 40.2 | 120 | | | | |
| Benzo(g,h,i)perylene | 2.170 | 0.46 | 2.313 | | 93.8 | 42.7 | 120 | | | | |
| Benzo(k)fluoranthene | 2.207 | 0.46 | 2.313 | | 95.4 | 42.8 | 120 | | | | |
| Chrysene | 2.180 | 0.46 | 2.313 | | 94.2 | 46.2 | 120 | | | | |
| Dibenz(a,h)anthracene | 2.195 | 0.46 | 2.313 | | 94.9 | 43.3 | 120 | | | | |
| Fluoranthene | 2.217 | 0.46 | 2.313 | | 95.8 | 45.3 | 120 | | | | |
| Fluorene | 2.123 | 0.46 | 2.313 | | 91.8 | 44.9 | 120 | | | | |
| Indeno(1,2,3-cd)pyrene | 2.219 | 0.46 | 2.313 | | 95.9 | 43.3 | 120 | | | | |
| Naphthalene | 1.981 | 0.46 | 2.313 | | 85.6 | 43 | 120 | | | | |
| Phenanthrene | 2.133 | 0.46 | 2.313 | | 92.2 | 44.6 | 120 | | | | |
| Pyrene | 2.090 | 0.46 | 2.313 | | 90.4 | 44.3 | 120 | | | | |
| Surr: 2-Fluorobiphenyl | 2.036 | 0 | 2.313 | | 88.0 | 51.7 | 120 | | | | |
| Surr: 4-Terphenyl-d14 | 2.221 | 0 | 2.313 | | 96.0 | 51.2 | 117 | | | | |
| Surr: Nitrobenzene-d5 | 1.905 | 0 | 2.313 | | 82.4 | 51.2 | 120 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|--|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111626-006CMSD | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: MSD | TestCode: POLYAROMATIC HYDROCARBONS | SW8270E | BatchID: 325438 | | | | Analysis Date: 11/10/2021 | Seq No: 10807279 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|---------------------|-------|------|-------|--|------|------|-----|-------|-------|------|--|
| 1-Methylnaphthalene | 2.198 | 0.46 | 2.313 | | 95.0 | 41.8 | 120 | 2.202 | 0.189 | 27.2 | |
| 2-Methylnaphthalene | 2.194 | 0.46 | 2.313 | | 94.9 | 42.5 | 120 | 2.130 | 2.97 | 27.8 | |
| Acenaphthene | 2.025 | 0.46 | 2.313 | | 87.5 | 44 | 120 | 1.998 | 1.33 | 29.7 | |
| Acenaphthylene | 2.067 | 0.46 | 2.313 | | 89.3 | 41.9 | 120 | 2.027 | 1.92 | 23.7 | |
| Anthracene | 2.113 | 0.46 | 2.313 | | 91.4 | 47.7 | 120 | 2.121 | 0.350 | 23 | |
| Benz(a)anthracene | 2.347 | 0.46 | 2.313 | | 101 | 45.5 | 120 | 2.253 | 4.08 | 24.6 | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
 Project Name: 3760 Park Ave.
 Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325438

| | | | | | | | | | | | |
|-----------------------------------|--|-----------|-----------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111626-006CMSD | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469830 | | | |
| SampleType: MSD | TestCode: POLYAROMATIC HYDROCARBONS SW8270E | | | | | BatchID: 325438 | Analysis Date: 11/10/2021 | Seq No: 10807279 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|------------------------|-------|------|-------|--|------|------|-----|-------|-------|------|--|
| Benzo(a)pyrene | 2.200 | 0.46 | 2.313 | | 95.1 | 43.6 | 120 | 2.187 | 0.612 | 23.1 | |
| Benzo(b)fluoranthene | 2.119 | 0.46 | 2.313 | | 91.6 | 40.2 | 120 | 2.075 | 2.12 | 24.9 | |
| Benzo(g,h,i)perylene | 2.231 | 0.46 | 2.313 | | 96.5 | 42.7 | 120 | 2.170 | 2.77 | 23.1 | |
| Benzo(k)fluoranthene | 2.205 | 0.46 | 2.313 | | 95.3 | 42.8 | 120 | 2.207 | 0.126 | 23.6 | |
| Chrysene | 2.247 | 0.46 | 2.313 | | 97.1 | 46.2 | 120 | 2.180 | 3.03 | 24.6 | |
| Dibenz(a,h)anthracene | 2.202 | 0.46 | 2.313 | | 95.2 | 43.3 | 120 | 2.195 | 0.316 | 23.6 | |
| Fluoranthene | 2.266 | 0.46 | 2.313 | | 97.9 | 45.3 | 120 | 2.217 | 2.19 | 26.1 | |
| Fluorene | 2.174 | 0.46 | 2.313 | | 94.0 | 44.9 | 120 | 2.123 | 2.37 | 32.8 | |
| Indeno(1,2,3-cd)pyrene | 2.215 | 0.46 | 2.313 | | 95.7 | 43.3 | 120 | 2.219 | 0.188 | 23.3 | |
| Naphthalene | 2.037 | 0.46 | 2.313 | | 88.1 | 43 | 120 | 1.981 | 2.81 | 23.4 | |
| Phenanthrene | 2.161 | 0.46 | 2.313 | | 93.4 | 44.6 | 120 | 2.133 | 1.29 | 25 | |
| Pyrene | 2.157 | 0.46 | 2.313 | | 93.3 | 44.3 | 120 | 2.090 | 3.16 | 27.6 | |
| Surr: 2-Fluorobiphenyl | 2.085 | 0 | 2.313 | | 90.1 | 51.7 | 120 | 2.036 | 0 | 0 | |
| Surr: 4-Terphenyl-d14 | 2.236 | 0 | 2.313 | | 96.7 | 51.2 | 117 | 2.221 | 0 | 0 | |
| Surr: Nitrobenzene-d5 | 1.844 | 0 | 2.313 | | 79.7 | 51.2 | 120 | 1.905 | 0 | 0 | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
 Project Name: 3760 Park Ave.
 Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325583

| | | | | | | | | | | | |
|-----------------------------|------------------------------------|----------------|------------------------|-------------|------|--------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: MB-325583 | Client ID: | | | | | Units: ug/L | Prep Date: 11/09/2021 | Run No: 469784 | | | |
| SampleType: MBLK | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325583 | | | | Analysis Date: 11/09/2021 | Seq No: 10805398 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|------|------|-----|--|--|--|--|
| Benzene | BRL | 1.0 | | | | | | | | | |
| Ethylbenzene | BRL | 1.0 | | | | | | | | | |
| m,p-Xylene | BRL | 1.0 | | | | | | | | | |
| o-Xylene | BRL | 1.0 | | | | | | | | | |
| Toluene | BRL | 1.0 | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 48.51 | 0 | 50.00 | | 97.0 | 74.9 | 127 | | | | |

| | | | | | | | | | | | |
|-----------------------------|--|-----------|-----------|-------------|------------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: MB-325583 | Client ID: | | | | Units: mg/L | Prep Date: 11/09/2021 | Run No: 469785 | | | | |
| SampleType: MBLK | TestCode: GASOLINE RANGE ORGANICS SW8015C | | | | BatchID: 325583 | Analysis Date: 11/09/2021 | Seq No: 10805543 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | BRL | 0.50 | | | | | | | | | |
| Surr: a.a.a-trifluorotoluene | 0.04614 | 0 | 0.0500 | | 92.3 | 67.8 | 133 | | | | |

| | | | | | | | | | | | |
|------------------------------|------------------------------------|----------------|------------------------|-------------|------|--------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325583 | Client ID: | | | | | Units: ug/L | Prep Date: 11/09/2021 | Run No: 469784 | | | |
| SampleType: LCS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325583 | | | | Analysis Date: 11/09/2021 | Seq No: 10805397 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|------|------|-----|--|--|--|--|
| Benzene | 49.90 | 1.0 | 50.00 | | 99.8 | 78.6 | 124 | | | | |
| Ethylbenzene | 54.17 | 1.0 | 50.00 | | 108 | 78.6 | 125 | | | | |
| m,p-Xylene | 108.6 | 1.0 | 100.0 | | 109 | 78 | 126 | | | | |
| o-Xylene | 53.73 | 1.0 | 50.00 | | 107 | 77.1 | 124 | | | | |
| Toluene | 51.13 | 1.0 | 50.00 | | 102 | 77.7 | 125 | | | | |
| Surr: 4-Bromofluorobenzene | 50.96 | 0 | 50.00 | | 102 | 74.9 | 127 | | | | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325583**

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|--------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325583 | Client ID: | | | | | Units: mg/L | Prep Date: 11/09/2021 | Run No: 469785 | | | |
| SampleType: LCS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325583 | | | | Analysis Date: 11/09/2021 | Seq No: 10805541 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | 0.9448 | 0.50 | 1.000 | | 94.5 | 72 | 135 | | | | |
| Surr: a.a.a-trifluorotoluene | 0.04617 | 0 | 0.0500 | | 92.3 | 67.8 | 133 | | | | |

| | | | | | | | | | | | |
|----------------------------------|------------------------------------|----------------|------------------------|-------------|------|--------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111802-001AMS | Client ID: | | | | | Units: ug/L | Prep Date: 11/09/2021 | Run No: 469784 | | | |
| SampleType: MS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325583 | | | | Analysis Date: 11/10/2021 | Seq No: 10809287 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|-------|------|------|-----|--|--|--|--|
| Benzene | 15740 | 200 | 10000 | 5501 | 102 | 70.5 | 136 | | | | |
| Ethylbenzene | 12940 | 200 | 10000 | 2400 | 105 | 70 | 134 | | | | |
| m,p-Xylene | 28660 | 200 | 20000 | 7818 | 104 | 66.3 | 138 | | | | |
| o-Xylene | 13840 | 200 | 10000 | 3736 | 101 | 67.1 | 136 | | | | |
| Toluene | 34200 | 200 | 10000 | 23090 | 111 | 66.4 | 140 | | | | |
| Surr: 4-Bromofluorobenzene | 9912 | 0 | 10000 | | 99.1 | 74.9 | 127 | | | | |

| | | | | | | | | | | | |
|----------------------------------|--|------------------------|-----------|-------------|----------------------------------|-------------------------|------------|-------------|------|-----------|------|
| Sample ID: 2111927-001AMS | Client ID: EB-1 | Units: mg/L | | | Prep Date: 11/09/2021 | Run No: 469785 | | | | | |
| SampleType: MS | TestCode: GASOLINE RANGE ORGANICS SW8015C | BatchID: 325583 | | | Analysis Date: 11/10/2021 | Seq No: 10809633 | | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | 0.9365 | 0.50 | 1.000 | | 93.7 | 69.1 | 134 | | | | |
| Surr: a.a.a-trifluorotoluene | 0.04555 | 0 | 0.0500 | | 91.1 | 67.8 | 133 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|------------------------------------|----------------|------------------------|-------------|--------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: 2111802-001AMSD | Client ID: | | | | Units: ug/L | Prep Date: 11/09/2021 | Run No: 469784 | | | | |
| SampleType: MSD | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325583 | | | Analysis Date: 11/10/2021 | Seq No: 10809288 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|--------------|-------|-----|-------|------|------|------|-----|-------|------|----|--|
| Benzene | 15360 | 200 | 10000 | 5501 | 98.6 | 70.5 | 136 | 15740 | 2.40 | 20 | |
| Ethylbenzene | 12220 | 200 | 10000 | 2400 | 98.2 | 70 | 134 | 12940 | 5.73 | 20 | |
| m,p-Xylene | 27330 | 200 | 20000 | 7818 | 97.6 | 66.3 | 138 | 28660 | 4.74 | 20 | |

| | | | |
|--------------------|--|---|--|
| Qualifiers: | > Greater than Result value | < Less than Result value | B Analyte detected in the associated method blank |
| BRL | Below reporting limit | E Estimated (value above quantitation range) | H Holding times for preparation or analysis exceeded |
| J | Estimated value detected below Reporting Limit | N Analyte not NELAC certified | R RPD outside limits due to matrix |
| Rpt Lim | Reporting Limit | S Spike Recovery outside limits due to matrix | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325583

| | | | | | | | | | | | |
|----------------------------|--------|-------------------------------------|-----------|-------------|------|-----------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111802-001AMSD | | Client ID: | | | | Units: ug/L | | Prep Date: 11/09/2021 | | Run No: 469784 | |
| SampleType: MSD | | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325583 | | Analysis Date: 11/10/2021 | | Seq No: 10809288 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| o-Xylene | 13260 | 200 | 10000 | 3736 | 95.3 | 67.1 | 136 | 13840 | 4.29 | 20 | |
| Toluene | 33030 | 200 | 10000 | 23090 | 99.4 | 66.4 | 140 | 34200 | 3.47 | 20 | |
| Surr: 4-Bromofluorobenzene | 9814 | 0 | 10000 | | 98.1 | 74.9 | 127 | 9912 | 0 | 0 | |

| | | | | | | | | | | | |
|-------------------------------|---------|---|-----------|-------------|------|-----------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111927-001AMSD | | Client ID: EB-1 | | | | Units: mg/L | | Prep Date: 11/09/2021 | | Run No: 469785 | |
| SampleType: MSD | | TestCode: GASOLINE RANGE ORGANICS SW8015C | | | | BatchID: 325583 | | Analysis Date: 11/10/2021 | | Seq No: 10809634 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| TPH (Gasoline Range Organics) | 0.9071 | 0.50 | 1.000 | | 90.7 | 69.1 | 134 | 0.9365 | 3.19 | 21.7 | |
| Surr: a.a.a-trifluorotoluene | 0.04643 | 0 | 0.0500 | | 92.9 | 67.8 | 133 | 0.04555 | 0 | 0 | |

| | | | | | | |
|-------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |
| | | | | | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325596**

| | | | | | | | | | | | |
|-----------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: MB-325596 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/09/2021 | Run No: 469812 | | | |
| SampleType: MBLK | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325596 | | | | Analysis Date: 11/09/2021 | Seq No: 10805314 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|-----|------|-----|--|--|--|--|
| Benzene | BRL | 1.0 | | | | | | | | | |
| Ethylbenzene | BRL | 1.0 | | | | | | | | | |
| m,p-Xylene | BRL | 2.0 | | | | | | | | | |
| o-Xylene | BRL | 1.0 | | | | | | | | | |
| Toluene | BRL | 1.0 | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 51.08 | 0 | 50.00 | | 102 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|-----------------------------|--|----------------|------------------------|-------------|---------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: MB-325596 | Client ID: | | | | Units: mg/Kg | Prep Date: 11/09/2021 | Run No: 469813 | | | | |
| SampleType: MBLK | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325596 | | | Analysis Date: 11/09/2021 | Seq No: 10805361 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|-----|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | BRL | 0.50 | | | | | | | | | |
| Surr: a.a.a-trifluorotoluene | 0.06291 | 0 | 0.0500 | | 126 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|------------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325596 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/09/2021 | Run No: 469812 | | | |
| SampleType: LCS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325596 | | | | Analysis Date: 11/09/2021 | Seq No: 10805321 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|------|------|-----|--|--|--|--|
| Benzene | 45.34 | 1.0 | 50.00 | | 90.7 | 72.2 | 125 | | | | |
| Ethylbenzene | 44.80 | 1.0 | 50.00 | | 89.6 | 74.4 | 125 | | | | |
| m,p-Xylene | 87.77 | 2.0 | 100.0 | | 87.8 | 72.3 | 125 | | | | |
| o-Xylene | 44.42 | 1.0 | 50.00 | | 88.8 | 74.1 | 122 | | | | |
| Toluene | 44.46 | 1.0 | 50.00 | | 88.9 | 73.8 | 125 | | | | |
| Surr: 4-Bromofluorobenzene | 50.84 | 0 | 50.00 | | 102 | 66.5 | 131 | | | | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325596**

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325596 | Client ID: | | | | | Units: mg/Kg | Prep Date: 11/09/2021 | Run No: 469813 | | | |
| SampleType: LCS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325596 | | | | Analysis Date: 11/10/2021 | Seq No: 10806206 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | 0.9038 | 0.50 | 1.000 | | 90.4 | 70 | 133 | | | | |
| Surr: a.a.a-trifluorotoluene | 0.06114 | 0 | 0.0500 | | 122 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|-------------------------------|--|-----------|-----------|-------------|------|------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCSD-325596 | Client ID: | | | | | Units: mg/Kg | Prep Date: 11/09/2021 | Run No: 469813 | | | |
| SampleType: LCSD | TestCode: GASOLINE RANGE ORGANICS SW8015C | | | | | BatchID: 325596 | Analysis Date: 11/10/2021 | Seq No: 10806207 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|---------|------|----|--|
| TPH (Gasoline Range Organics) | 0.9738 | 0.50 | 1.000 | | 97.4 | 70 | 133 | 0.9038 | 7.45 | 20 | |
| Surr: a.a.a-trifluorotoluene | 0.06148 | 0 | 0.0500 | | 123 | 65.1 | 134 | 0.06114 | 0 | 0 | |

| | | | | | | | | | | | |
|----------------------------------|--|-----------|-----------|-------------|-------------------------|-----------|----------------------------------|-------------|-------------------------|-----------|------|
| Sample ID: 2111496-001AMS | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/09/2021 | | Run No: 469812 | | |
| SampleType: MS | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325596 | | Analysis Date: 11/09/2021 | | Seq No: 10805319 | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|---------|--------|--------|--|------|------|-----|--|--|--|--|
| Benzene | 0.03953 | 0.0009 | 0.0468 | | 84.5 | 60.8 | 132 | | | | |
| Ethylbenzene | 0.03970 | 0.0009 | 0.0468 | | 84.9 | 60.2 | 135 | | | | |
| m,p-Xylene | 0.07728 | 0.0019 | 0.0936 | | 82.6 | 60.1 | 133 | | | | |
| o-Xylene | 0.03829 | 0.0009 | 0.0468 | | 81.8 | 60.3 | 130 | | | | |
| Toluene | 0.03894 | 0.0009 | 0.0468 | | 83.2 | 60.4 | 134 | | | | |
| Surr: 4-Bromofluorobenzene | 0.04746 | 0 | 0.0468 | | 101 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|--|----------------|------------------------|-------------|-------------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: 2111491-002ADUP | Client ID: | | | | Units: mg/Kg-dry | Prep Date: 11/09/2021 | Run No: 469813 | | | | |
| SampleType: DUP | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325596 | | | Analysis Date: 11/09/2021 | Seq No: 10805364 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|-----|------|-----|---------|---|----|--|
| TPH (Gasoline Range Organics) | BRL | 0.42 | | | | | | 0 | 0 | 20 | |
| Surr: a.a.a-trifluorotoluene | 0.05043 | 0 | 0.0420 | | 120 | 65.1 | 134 | 0.04706 | 0 | 0 | |

| | | | |
|--------------------|--|---|--|
| Qualifiers: | > Greater than Result value | < Less than Result value | B Analyte detected in the associated method blank |
| | BRL Below reporting limit | E Estimated (value above quantitation range) | H Holding times for preparation or analysis exceeded |
| | J Estimated value detected below Reporting Limit | N Analyte not NELAC certified | R RPD outside limits due to matrix |
| | Rpt Lim Reporting Limit | S Spike Recovery outside limits due to matrix | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325596

| | | | | | | | | | | | |
|----------------------------|---------|-------------------------------------|-----------|-------------|------|------------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111927-003ADUP | | Client ID: SP-1 | | | | Units: mg/Kg-dry | | Prep Date: 11/09/2021 | | Run No: 469812 | |
| SampleType: DUP | | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325596 | | Analysis Date: 11/09/2021 | | Seq No: 10805320 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| Benzene | BRL | 0.0007 | | | | | | 0 | 0 | 20 | |
| Ethylbenzene | BRL | 0.0007 | | | | | | 0 | 0 | 20 | |
| m,p-Xylene | BRL | 0.0014 | | | | | | 0 | 0 | 20 | |
| o-Xylene | BRL | 0.0007 | | | | | | 0 | 0 | 20 | |
| Toluene | BRL | 0.0007 | | | | | | 0 | 0 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.03835 | 0 | 0.0353 | | 109 | 66.5 | 131 | 0.04077 | 0 | 0 | |

| | | | | | | |
|-------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
 Project Name: 3760 Park Ave.
 Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325698

| | | | | | | | | | | | |
|-----------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: MB-325698 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/10/2021 | Run No: 469987 | | | |
| SampleType: MBLK | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325698 | | | | Analysis Date: 11/10/2021 | Seq No: 10810600 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|-----|------|-----|--|--|--|--|
| Benzene | BRL | 1.0 | | | | | | | | | |
| Ethylbenzene | BRL | 1.0 | | | | | | | | | |
| m,p-Xylene | BRL | 2.0 | | | | | | | | | |
| o-Xylene | BRL | 1.0 | | | | | | | | | |
| Toluene | BRL | 1.0 | | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 51.19 | 0 | 50.00 | | 102 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|-----------------------------|--|----------------|------------------------|-------------|---------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: MB-325698 | Client ID: | | | | Units: mg/Kg | Prep Date: 11/10/2021 | Run No: 470079 | | | | |
| SampleType: MBLK | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325698 | | | Analysis Date: 11/11/2021 | Seq No: 10813825 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | BRL | 0.50 | | | | | | | | | |
| Surr: a.a.a-trifluorotoluene | 0.04738 | 0 | 0.0500 | | 94.8 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|------------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325698 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/10/2021 | Run No: 469987 | | | |
| SampleType: LCS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325698 | | | | Analysis Date: 11/10/2021 | Seq No: 10810601 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|-----|------|-----|--|--|--|--|
| Benzene | 50.38 | 1.0 | 50.00 | | 101 | 72.2 | 125 | | | | |
| Ethylbenzene | 51.72 | 1.0 | 50.00 | | 103 | 74.4 | 125 | | | | |
| m,p-Xylene | 102.7 | 2.0 | 100.0 | | 103 | 72.3 | 125 | | | | |
| o-Xylene | 50.90 | 1.0 | 50.00 | | 102 | 74.1 | 122 | | | | |
| Toluene | 51.07 | 1.0 | 50.00 | | 102 | 73.8 | 125 | | | | |
| Surr: 4-Bromofluorobenzene | 50.81 | 0 | 50.00 | | 102 | 66.5 | 131 | | | | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325698**

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325698 | Client ID: | | | | | Units: mg/Kg | Prep Date: 11/10/2021 | Run No: 470079 | | | |
| SampleType: LCS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325698 | | | | Analysis Date: 11/11/2021 | Seq No: 10813824 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | 0.9982 | 0.50 | 1.000 | | 99.8 | 70 | 133 | | | | |
| Surr: a.a.a-trifluorotoluene | 0.04811 | 0 | 0.0500 | | 96.2 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|----------------------------------|------------------------------------|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111901-003AMS | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/10/2021 | Run No: 469987 | | | |
| SampleType: MS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325698 | | | | Analysis Date: 11/11/2021 | Seq No: 10813599 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|----|-------|-------|-----|------|-----|--|--|--|--|
| Benzene | 722.0 | 12 | 599.2 | 55.85 | 111 | 60.8 | 132 | | | | |
| Ethylbenzene | 972.0 | 12 | 599.2 | 322.4 | 108 | 60.2 | 135 | | | | |
| m,p-Xylene | 2507 | 24 | 1198 | 1236 | 106 | 60.1 | 133 | | | | |
| o-Xylene | 1132 | 12 | 599.2 | 498.1 | 106 | 60.3 | 130 | | | | |
| Toluene | 1739 | 12 | 599.2 | 1074 | 111 | 60.4 | 134 | | | | |
| Surr: 4-Bromofluorobenzene | 616.3 | 0 | 599.2 | | 103 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|----------------------------------|--|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111901-003AMS | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/10/2021 | Run No: 470079 | | | |
| SampleType: MS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325698 | | | | Analysis Date: 11/11/2021 | Seq No: 10813828 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|-------|------|-------|-------|------|------|-----|--|--|--|---|
| TPH (Gasoline Range Organics) | 26500 | 6000 | 11980 | 10400 | 134 | 52.2 | 134 | | | | S |
| Surr: a.a.a-trifluorotoluene | 587.8 | 0 | 599.2 | | 98.1 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|--|-----------|-----------|-------------------------|------|-----------|----------------------------------|-------------|-------------------------|-----------|------|
| Sample ID: 2111901-003AMSD | Client ID: | | | Units: mg/Kg-dry | | | Prep Date: 11/10/2021 | | Run No: 469987 | | |
| SampleType: MSD | TestCode: VOLATILE ORGANICS SW8260D | | | BatchID: 325698 | | | Analysis Date: 11/11/2021 | | Seq No: 10813597 | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|--------------|-------|----|-------|-------|------|------|-----|-------|-------|------|--|
| Benzene | 721.4 | 12 | 599.2 | 55.85 | 111 | 60.8 | 132 | 722.0 | 0.083 | 20 | |
| Ethylbenzene | 947.0 | 12 | 599.2 | 322.4 | 104 | 60.2 | 135 | 972.0 | 2.60 | 17.5 | |
| m,p-Xylene | 2425 | 24 | 1198 | 1236 | 99.2 | 60.1 | 133 | 2507 | 3.35 | 17.9 | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325698

| | | | | | | | | | | | |
|----------------------------|--------|-------------------------------------|-----------|-------------|------|------------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111901-003AMSD | | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/10/2021 | | Run No: 469987 | |
| SampleType: MSD | | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325698 | | Analysis Date: 11/11/2021 | | Seq No: 10813597 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| o-Xylene | 1098 | 12 | 599.2 | 498.1 | 100 | 60.3 | 130 | 1132 | 3.10 | 17 | |
| Toluene | 1707 | 12 | 599.2 | 1074 | 106 | 60.4 | 134 | 1739 | 1.89 | 20 | |
| Surr: 4-Bromofluorobenzene | 610.6 | 0 | 599.2 | | 102 | 66.5 | 131 | 616.3 | 0 | 0 | |

| | | | | | | | | | | | |
|-------------------------------|--------|---|-----------|-------------|------|------------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111901-003AMSD | | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/10/2021 | | Run No: 470079 | |
| SampleType: MSD | | TestCode: GASOLINE RANGE ORGANICS SW8015C | | | | BatchID: 325698 | | Analysis Date: 11/11/2021 | | Seq No: 10813829 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| TPH (Gasoline Range Organics) | 21520 | 6000 | 11980 | 10400 | 92.8 | 52.2 | 134 | 26500 | 20.7 | 39.7 | |
| Surr: a.a.a-trifluorotoluene | 576.5 | 0 | 599.2 | | 96.2 | 65.1 | 134 | 587.8 | 0 | 0 | |

| | | | | | | |
|-------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |
| | | | | | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325772**

| | | | | | | | | | | | |
|-----------------------------|--|----------------|------------------------|-------------|---------------------|----------------------------------|-------------------------|-------------|------|-----------|------|
| Sample ID: MB-325772 | Client ID: | | | | Units: mg/Kg | Prep Date: 11/12/2021 | Run No: 470098 | | | | |
| SampleType: MBLK | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325772 | | | Analysis Date: 11/12/2021 | Seq No: 10814337 | | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Gasoline Range Organics) BRL 0.50
 Surr: a.a.a-trifluorotoluene 0.06039 0 0.0500 121 65.1 134

| | | | | | | | | | | | |
|-----------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: MB-325772 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/12/2021 | Run No: 470116 | | | |
| SampleType: MBLK | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325772 | | | | Analysis Date: 11/12/2021 | Seq No: 10815816 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

Benzene BRL 1.0
 Ethylbenzene BRL 1.0
 m,p-Xylene BRL 2.0
 o-Xylene BRL 1.0
 Toluene BRL 1.0
 Surr: 4-Bromofluorobenzene 51.19 0 50.00 102 66.5 131

| | | | | | | | | | | | |
|------------------------------|--|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325772 | Client ID: | | | | | Units: mg/Kg | Prep Date: 11/12/2021 | Run No: 470098 | | | |
| SampleType: LCS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325772 | | | | Analysis Date: 11/12/2021 | Seq No: 10814336 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

TPH (Gasoline Range Organics) 0.9167 0.50 1.000 91.7 70 133
 Surr: a.a.a-trifluorotoluene 0.06445 0 0.0500 129 65.1 134

| | | | | | | | | | | | |
|------------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325772 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/12/2021 | Run No: 470116 | | | |
| SampleType: LCS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325772 | | | | Analysis Date: 11/12/2021 | Seq No: 10815818 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

Benzene 43.21 1.0 50.00 86.4 72.2 125
 Ethylbenzene 43.36 1.0 50.00 86.7 74.4 125
 m,p-Xylene 84.83 2.0 100.0 84.8 72.3 125

| | | | |
|--|---|--|---|
| Qualifiers: | > Greater than Result value | < Less than Result value | B Analyte detected in the associated method blank |
| BRL Below reporting limit | E Estimated (value above quantitation range) | H Holding times for preparation or analysis exceeded | |
| J Estimated value detected below Reporting Limit | N Analyte not NELAC certified | R RPD outside limits due to matrix | |
| Rpt Lim Reporting Limit | S Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT**BatchID: 325772**

| | | | | | | | | | | | |
|------------------------------|------------------------------------|----------------|------------------------|-------------|------|---------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: LCS-325772 | Client ID: | | | | | Units: ug/Kg | Prep Date: 11/12/2021 | Run No: 470116 | | | |
| SampleType: LCS | TestCode: VOLATILE ORGANICS | SW8260D | BatchID: 325772 | | | | Analysis Date: 11/12/2021 | Seq No: 10815818 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|-------|-----|-------|--|------|------|-----|--|--|--|--|
| o-Xylene | 42.85 | 1.0 | 50.00 | | 85.7 | 74.1 | 122 | | | | |
| Toluene | 42.80 | 1.0 | 50.00 | | 85.6 | 73.8 | 125 | | | | |
| Surr: 4-Bromofluorobenzene | 50.00 | 0 | 50.00 | | 100 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|----------------------------------|--|-----------|-----------|-------------|-------------------------|-----------|----------------------------------|-------------|-------------------------|-----------|------|
| Sample ID: 2111775-002AMS | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/12/2021 | | Run No: 470116 | | |
| SampleType: MS | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325772 | | Analysis Date: 11/15/2021 | | Seq No: 10820980 | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|----------------------------|---------|--------|--------|--|------|------|-----|--|--|--|--|
| Benzene | 0.04028 | 0.0010 | 0.0474 | | 85.0 | 60.8 | 132 | | | | |
| Ethylbenzene | 0.04019 | 0.0010 | 0.0474 | | 84.8 | 60.2 | 135 | | | | |
| m,p-Xylene | 0.07795 | 0.0019 | 0.0947 | | 82.3 | 60.1 | 133 | | | | |
| o-Xylene | 0.03940 | 0.0010 | 0.0474 | | 83.2 | 60.3 | 130 | | | | |
| Toluene | 0.03987 | 0.0010 | 0.0474 | | 84.2 | 60.4 | 134 | | | | |
| Surr: 4-Bromofluorobenzene | 0.04635 | 0 | 0.0474 | | 97.8 | 66.5 | 131 | | | | |

| | | | | | | | | | | | |
|----------------------------------|--|----------------|------------------------|-------------|------|-------------------------|----------------------------------|-------------------------|------|-----------|------|
| Sample ID: 2111776-002BMS | Client ID: | | | | | Units: mg/Kg-dry | Prep Date: 11/12/2021 | Run No: 470098 | | | |
| SampleType: MS | TestCode: GASOLINE RANGE ORGANICS | SW8015C | BatchID: 325772 | | | | Analysis Date: 11/15/2021 | Seq No: 10820830 | | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|-------------------------------|---------|------|--------|--|------|------|-----|--|--|--|--|
| TPH (Gasoline Range Organics) | 1.158 | 0.64 | 1.275 | | 90.8 | 52.2 | 134 | | | | |
| Surr: a.a.a-trifluorotoluene | 0.07161 | 0 | 0.0638 | | 112 | 65.1 | 134 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|--|-----------|-----------|-------------|-------------------------|-----------|----------------------------------|-------------|-------------------------|-----------|------|
| Sample ID: 2111775-001ADUP | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/12/2021 | | Run No: 470116 | | |
| SampleType: DUP | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325772 | | Analysis Date: 11/12/2021 | | Seq No: 10818965 | | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |

| | | | | | | | | | | | |
|--------------|-----|--------|--|--|--|--|--|---|---|----|--|
| Benzene | BRL | 0.0009 | | | | | | 0 | 0 | 20 | |
| Ethylbenzene | BRL | 0.0009 | | | | | | 0 | 0 | 20 | |

| | | | | | | |
|--------------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |

Client: Cardno
Project Name: 3760 Park Ave.
Workorder: 2111927

ANALYTICAL QC SUMMARY REPORT

BatchID: 325772

| | | | | | | | | | | | |
|----------------------------|---------|-------------------------------------|-----------|-------------|------|------------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111775-001ADUP | | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/12/2021 | | Run No: 470116 | |
| SampleType: DUP | | TestCode: VOLATILE ORGANICS SW8260D | | | | BatchID: 325772 | | Analysis Date: 11/12/2021 | | Seq No: 10818965 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| m,p-Xylene | BRL | 0.0018 | | | | | | 0 | 0 | 20 | |
| o-Xylene | BRL | 0.0009 | | | | | | 0 | 0 | 20 | |
| Toluene | BRL | 0.0009 | | | | | | 0 | 0 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.04311 | 0 | 0.0442 | | 97.5 | 66.5 | 131 | 0.04441 | 0 | 0 | |

| | | | | | | | | | | | |
|-------------------------------|---------|---|-----------|-------------|------|------------------|------------|---------------------------|------|------------------|------|
| Sample ID: 2111775-001ADUP | | Client ID: | | | | Units: mg/Kg-dry | | Prep Date: 11/12/2021 | | Run No: 470098 | |
| SampleType: DUP | | TestCode: GASOLINE RANGE ORGANICS SW8015C | | | | BatchID: 325772 | | Analysis Date: 11/12/2021 | | Seq No: 10819110 | |
| Analyte | Result | RPT Limit | SPK value | SPK Ref Val | %REC | Low Limit | High Limit | RPD Ref Val | %RPD | RPD Limit | Qual |
| TPH (Gasoline Range Organics) | BRL | 0.44 | | | | | | 0 | 0 | 20 | |
| Surr: a.a.a-trifluorotoluene | 0.04702 | 0 | 0.0442 | | 106 | 65.1 | 134 | 0.05278 | 0 | 0 | |

| | | | | | | |
|-------------|---------|--|---|---|---|--|
| Qualifiers: | > | Greater than Result value | < | Less than Result value | B | Analyte detected in the associated method blank |
| | BRL | Below reporting limit | E | Estimated (value above quantitation range) | H | Holding times for preparation or analysis exceeded |
| | J | Estimated value detected below Reporting Limit | N | Analyte not NELAC certified | R | RPD outside limits due to matrix |
| | Rpt Lim | Reporting Limit | S | Spike Recovery outside limits due to matrix | | |
| | | | | | | |

UST Closure – 3760 Park
Ave.

APPENDIX

B

WATER RESOURCE SURVEY

GeoPlus Water Well Report

[Satellite view](#)

Target Property:

**Downtown Assemblage
3760 Park Ave
Doraville, Dekalb County, Georgia 30340**

Prepared For:

Cardno-West Palm Beach

Order #: 107263

Job #: 234310

Project #: 0002361500

Date: 04/26/2018

Table of Contents

| | |
|---|---|
| Target Property Summary | 1 |
| Database Radius Summary | 2 |
| Water Well Map | 3 |
| Environmental Records Definitions | 5 |

Disclaimer

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

*Downtown Assemblage
3760 Park Ave
Doraville, Georgia 30340*

Coordinates

Point (-84.279951, 33.901308)

USGS Quadrangle

Chamblee, GA

Geographic Coverage Information

County/Parish: DeKalb (GA)

ZipCode(s):

Atlanta GA: 30340, 30341, 30360

Radon

* Target property is located in Radon Zone 1.

Zone 1 areas have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter).

Database Radius Summary

FEDERAL LISTING

| Acronym | Search Radius (miles) | TP/AP (0 - 0.02) | 1/8 Mile (> TP/AP) | 1/4 Mile (> 1/8) | 1/2 Mile (> 1/4) | 1 Mile (> 1/2) | > 1 Mile | Total |
|---------|-----------------------------|---------------------|-----------------------|---------------------|---------------------|-------------------|----------|-------|
| NWIS | 0.5000 | 0 | 0 | 0 | 0 | NS | NS | 0 |

| | | | | | | | | |
|-----------|--|---|---|---|---|---|---|---|
| SUB-TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-----------|--|---|---|---|---|---|---|---|

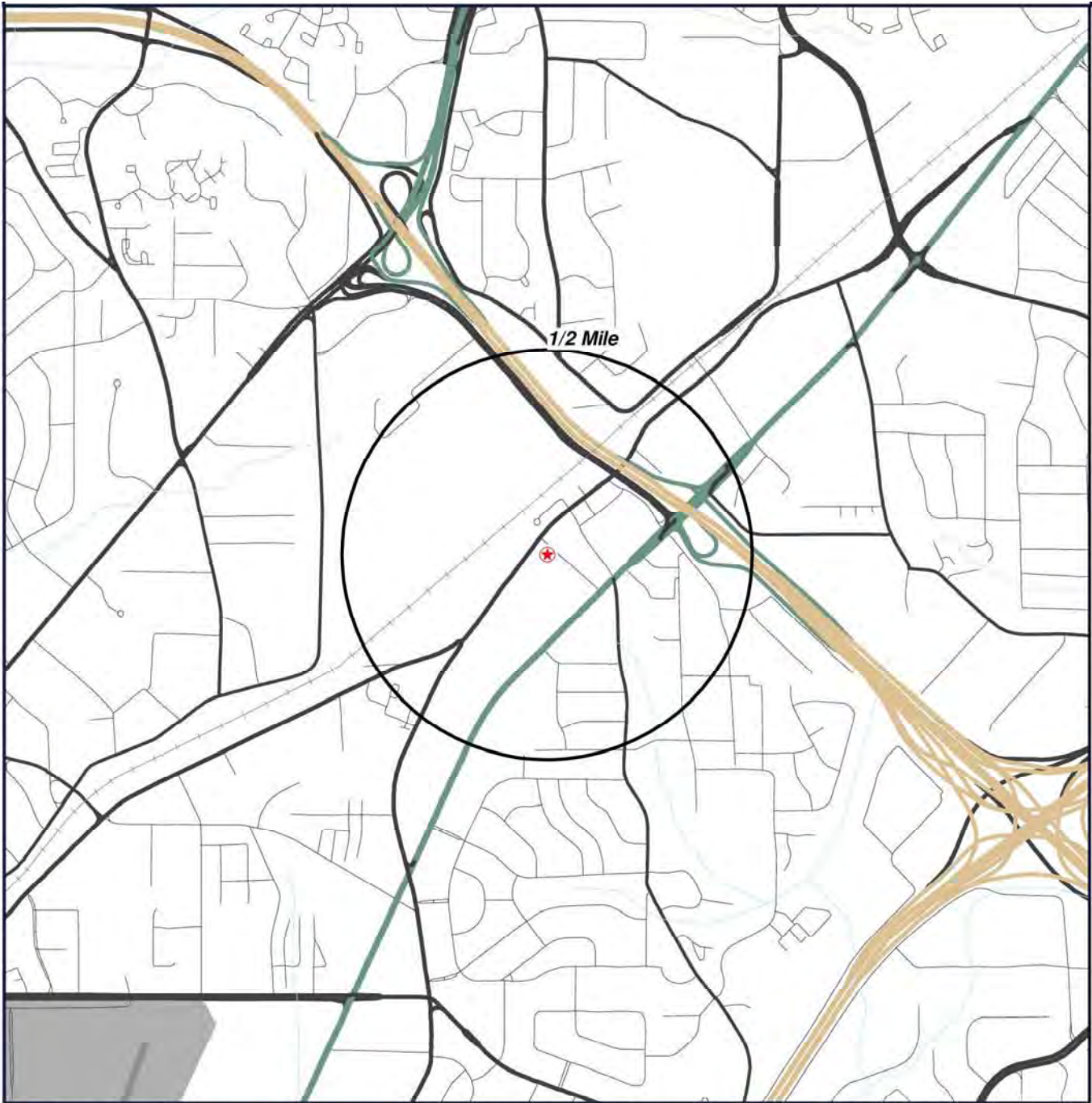
| | | | | | | | | |
|-------|--|---|---|---|---|---|---|---|
| TOTAL | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------|--|---|---|---|---|---|---|---|

NOTES:

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

Waterwell Map



★ Target Property (TP)

Downtown Assemblage
3760 Park Ave
Doraville, Georgia
30340



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

Located Sites Summary

No Records Found.

Environmental Records Definitions - FEDERAL

NWIS

United States Geological Survey National Water Information System

VERSION DATE: 12/14/16

This USGS National Water Information System database only includes groundwater wells. The USGS defines this well type as: A hole or shaft constructed in the earth intended to be used to locate, sample, or develop groundwater, oil, gas, or some other subsurface material. The diameter of a well is typically much smaller than the depth. Wells are also used to artificially recharge groundwater or to pressurize oil and gas production zones. Additional information about specific kinds of wells should be recorded under the secondary site types or the Use of Site field. Underground waste-disposal wells should be classified as waste-injection wells.

Disclaimer

The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Target Property Summary

Target Property Information

*Downtown Assemblage
3760 Park Ave
Doraville, Georgia 30340*

Coordinates

Point (-84.279951, 33.901308)

USGS Quadrangle

Chamblee, GA

Geographic Coverage Information

County/Parish: DeKalb (GA)

ZipCode(s):

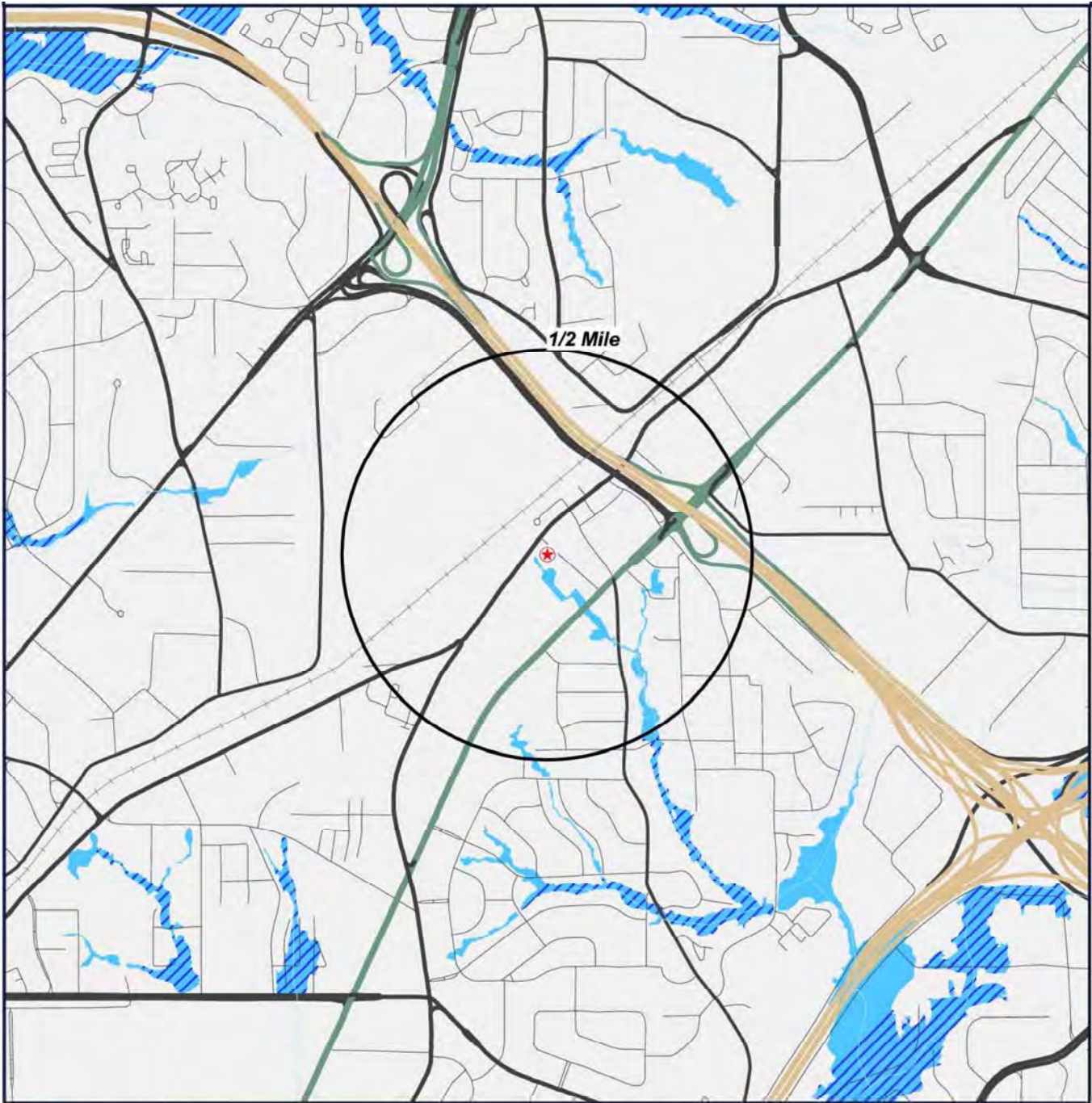
Atlanta GA: 30340, 30341, 30360

Radon

* Target property is located in Radon Zone 1.

Zone 1 areas have a predicted average indoor radon screening level greater than 4 pCi/L (picocuries per liter).

FEMA Map



★ Target Property (TP)

| | | | |
|--|---------|--|----------------------------------|
| | ZONE A | | ZONE D |
| | ZONE AE | | ZONE X |
| | ZONE AH | | AREA NOT INCLUDED |
| | ZONE AO | | OPEN WATER |
| | ZONE AR | | NDA - DIGITAL DATA NOT AVAILABLE |
| | ZONE V | | |
| | ZONE VE | | |

Letter of map revision date: N/A
Latest study effective date: 12/08/2016
Panel #: 13135C0095F

Downtown Assemblage
3760 Park Ave
Doraville, Georgia
30340



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

FEMA Report

FEMA - Federal Emergency Management Agency

The National Flood Hazard Layer (NFHL) data used in this report is derived from the Federal Emergency Management Agency. The NFHL dataset is a compilation of effective Flood Insurance Rate Map (FIRM) databases (a collection of the digital data that are used in GIS systems for creating new Flood Insurance Rate Maps) and Letters of Map Change (Letters of Map Amendment and Letters of Map Revision only) that create a seamless GIS data layer for United States and its territories. The NFHL is updated as new study or LOMC data becomes effective. Note: Currently, not all areas have modernized FIRM database data available. As a result, users may need to refer to the effective Flood Insurance Rate Map for effective flood hazard information. This data was provided by the Federal Emergency Management Agency's Map Service Center in November of 2013.

FEMA Flood Zone Definitions within Search Radius

| | |
|----------|--------|
| A | Zone A |
|----------|--------|

Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.

| | |
|----------|--------|
| X | Zone X |
|----------|--------|

An area that is determined to be outside the 100 and 500 year floodplains.

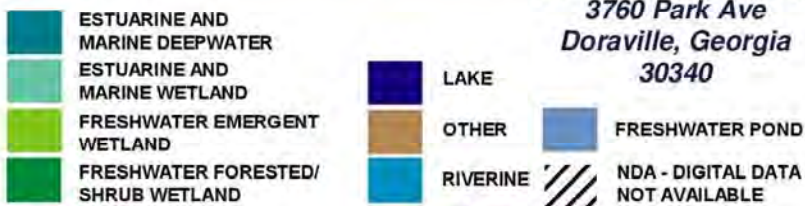
NWI Map



★ Target Property (TP)

Downtown Assemblage
3760 Park Ave
Doraville, Georgia
30340

Map Date: 09/27/2016



0' 1000' 2000' 3000'
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

NWI Report

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions within Search Radius

R5UBH

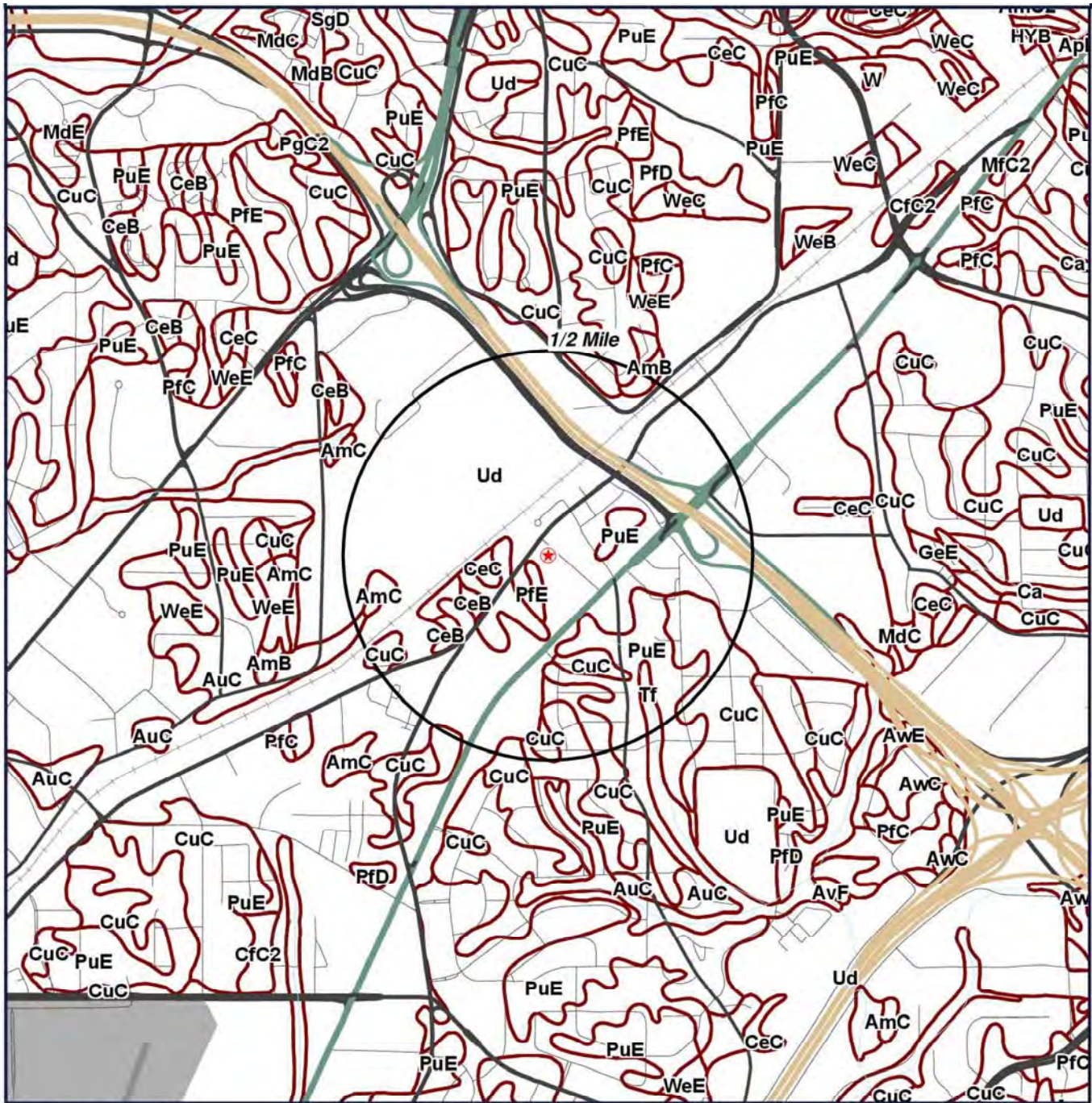
SYSTEM: **RIVERINE**

SUBSYSTEM: **UNKNOWN PERENNIAL**

CLASS: **UNCONSOLIDATED BOTTOM**

WATER REGIME: **PERMANENTLY FLOODED**

Soil Map



★ Target Property (TP)



SOIL BOUNDARY



NOTCOM - DIGITAL DATA NOT AVAILABLE/NOT COMPLETE

Downtown Assemblage
3760 Park Ave
Doraville, Georgia
30340



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

SOIL Report

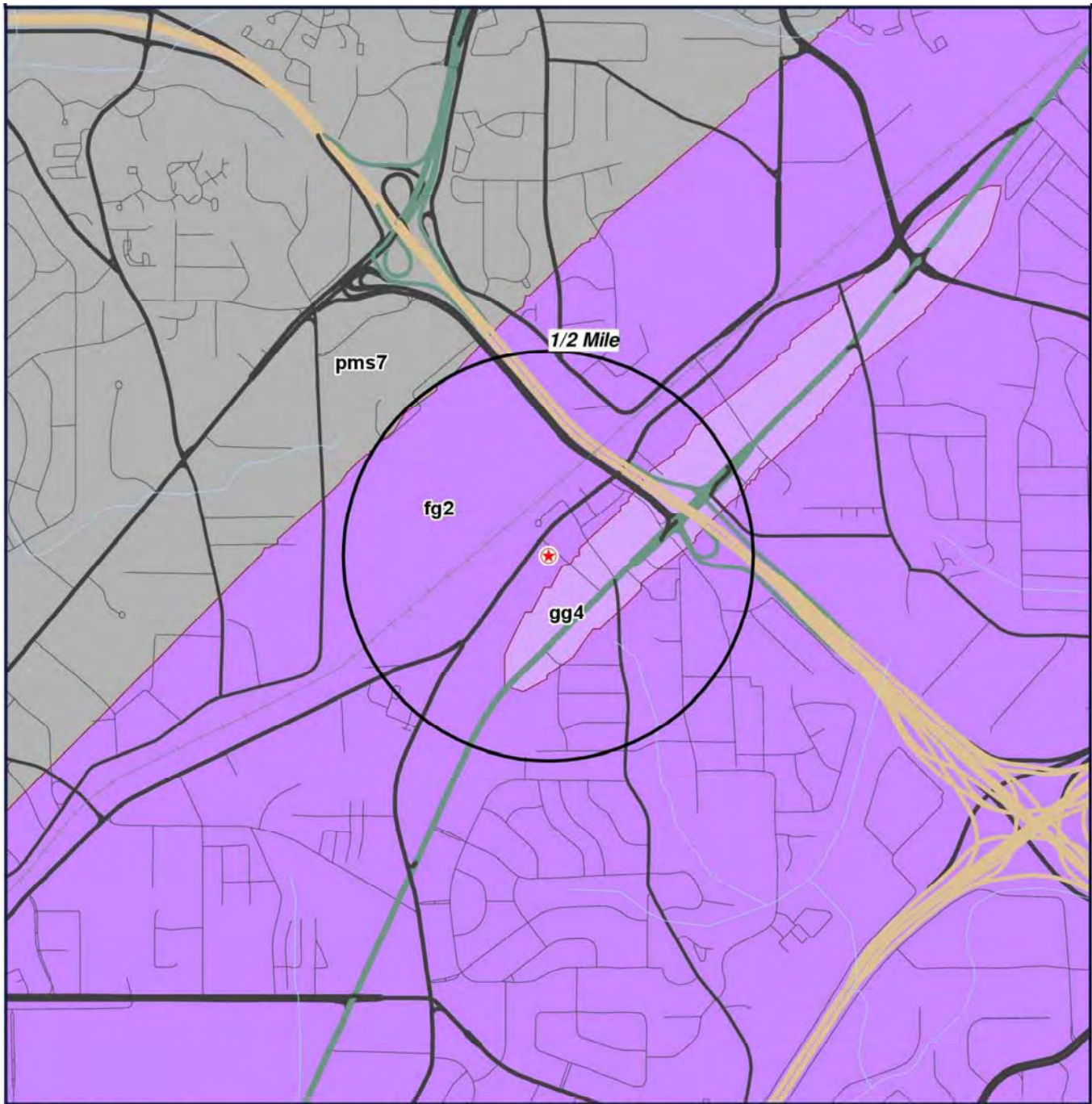
Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

SOIL Code Definitions within Search Radius

| | |
|------------|--|
| AmB | Appling sandy loam, 2 to 6 percent slopes |
| AmC | Appling sandy loam, 6 to 10 percent slopes |
| AuC | Appling-Urban land complex, 2 to 10 percent slopes |
| CeB | Cecil sandy loam, 2 to 6 percent slopes |
| CeC | Cecil sandy loam, 6 to 10 percent slopes |
| CuC | Cecil-Urban land complex, 2 to 10 percent slopes |
| PfD | Pacolet sandy loam, 10 to 15 percent slopes |
| PfE | Pacolet sandy loam, 15 to 30 percent slopes |
| PuE | Pacolet-Urban land complex, 10 to 25 percent slopes |
| Tf | Toccoa sandy loam, 0 to 2 percent slopes, frequently flooded |
| Ud | Urban land |

Geology Map



★ Target Property (TP)

Downtown Assemblage
3760 Park Ave
Doraville, Georgia
30340



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

[Click here to access Satellite view](#)

GEOLOGY Report

US GEOLOGY

THE GEOLOGY DATA USED IN THIS REPORT ORIGINATES FROM THE USGS. THE FIRST STAGE IN DEVELOPING STATE DATABASES FOR THE CONTERMINOUS UNITED STATES WAS TO ACQUIRE DIGITAL VERSIONS OF ALL EXISTING STATE GEOLOGIC MAPS. ALTHOUGH A SIGNIFICANT NUMBER OF DIGITAL STATE MAPS ALREADY EXISTED, A NUMBER OF STATES LACKED THEM. FOR THESE STATES NEW DIGITAL COMPILATIONS WERE PREPARED IN COOPERATION WITH STATE GEOLOGIC SURVEYS OR BY THE NSA (NATIONAL SURVEYS AND ANALYSIS) PROJECT. THESE NEW DIGITAL STATE GEOLOGIC MAPS AND DATABASES WERE CREATED BY DIGITIZING ALREADY EXISTING PRINTED MAPS, OR, IN A FEW CASES, BY MERGING EXISTING LARGER SCALE DIGITAL MAPS.

GEOLOGY Definitions within Search Radius

GEOLOGY SYMBOL: **fg2**
UNIT NAME: **Biotitic Gneiss Undifferentiated**
UNIT AGE: **Precambrian-Paleozoic**
UNIT DESCRIPTION:
Biotitic Gneiss Undifferentiated
ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **biotite gneiss**

GEOLOGY SYMBOL: **gg4**
UNIT NAME: **Granite Gneiss/ Amphibolite**
UNIT AGE: **Precambrian-Paleozoic**
UNIT DESCRIPTION:
Granite Gneiss/ Amphibolite
ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **granitic gneiss; amphibolite;**

GEOLOGY SYMBOL: **pms7**
UNIT NAME: **Button Mica Schist**
UNIT AGE: **Precambrian-Paleozoic**
UNIT DESCRIPTION:
Button Mica Schist
ADDITIONAL UNIT INFORMATION:

ROCKTYPE/S: **mica schist**

UST Closure – 3760 Park
Ave.

APPENDIX

C

EPD USTMP 7530 FORM

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 Form)

Location (UST Facility) ID: 4440067

Location (UST Facility) County: DeKalb

Number of Tanks: 0 In Use 0 Temporarily-out-of-use (TOU)

Number of Dispensers: 0

Note: For existing facilities, it is only necessary to update the form where information has changed. Where there are no changes, you may leave sections blank.

1. **Is there a change in the Facility Name?** Y ☐ N ☒. If yes, please fill out Part 1.
2. **Is there a change in Tank Owner?** Y ☐ N ☒. If yes, please fill out Part 2.
3. **Is there a change in A/B Operator?** Y ☐ N ☒. If yes, please fill out Part 4.
4. **Is there a change in Financial Responsibility Information?** Y ☐ N ☒. If yes, please fill out Part 5.
5. **Is there a change in Tank Status for any existing tanks (e.g. TOU, In Use)?** If yes, list tanks needing status change in Part 6 and attach required documentation (see details at the bottom of page 5).
6. **Have new tanks or piping been installed?** Y ☐ N ☒. If yes, list new tanks and piping in Part 6/7 and attach required documentation (see details at the bottom of page 5).
7. **Have new dispensers been installed?** Y ☐ N ☒. If yes, list new dispensers in Part 8 and attach required documentation (see details at the bottom of page 5).
8. **Have you permanently closed any tanks or piping?** Y ☒ N ☐. If yes, list closed tanks and piping and closure date(s) in Part 6/7 and attach a Closure Report (see details at the bottom of page 5).
9. **Have you created a 'Responsible Official' account in GEOS?** Y ☒ N ☐. If no, please visit: <https://epd.georgia.gov/geos/documents/ust> and create a Responsible Official account. Please note, after this 7530 Form has been processed by EPD, the tank owner will receive an email with instructions for completing the online registration form and printing the tank registration certificate.

PART 1: LOCATION (UST FACILITY) DATA

| | | | |
|-------------------|----------------|-------------------|--|
| Facility Name: | | Facility Contact: | |
| Facility Type: | | Facility Email: | |
| Facility Address: | | Facility Phone: | |
| | City/Zip Code: | Facility Fax: | |

PART 2: TANK OWNER INFORMATION

| | |
|----------------------|--|
| Owner Business Name: | |
| Owner Contact Name: | |
| Mailing Address: | |
| Zip Code: | |
| Phone/Fax Number: | |
| Email Address: | |
| Date Started: | |

*Note – The tank owner must also create a Responsible Official account and submit a tank registration form in GEOS.

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 Form)

Location (UST Facility) ID: 4440067

Location (UST Facility) County: DeKalb

PART 3: JOBBER (FUEL PROVIDER) INFORMATION

| | | | |
|-------------------------|--------------|-------|-------|
| Jobber (Fuel Provider): | Company Name | Phone | Email |
| | | | |

PART 4: CERTIFIED A/B OPERATOR INFORMATION

| CLASS A OPERATOR | CLASS B OPERATOR |
|---------------------|---------------------|
| First/Last Name: | First/Last Name: |
| Business Name: | Business Name: |
| Address: | Address: |
| City/State/Zip: | City/State/Zip: |
| Phone Number: | Phone Number: |
| Email Address: | Email Address: |
| Training Provider: | Training Provider: |
| Certificate Number: | Certificate Number: |
| Certificate Date: | Certificate Date: |

If you have more than one Operator A/B, please download the Notification of Class A, B, and C Operators form and attach. Forms can be downloaded here: <https://epd.georgia.gov/underground-storage-tank-forms>. Please note, all active facilities must also have at least one Class C Operator and must maintain training documentation onsite.

PART 5: FINANCIAL RESPONSIBILITY INFORMATION

| | |
|--|---|
| Primary Financial Responsibility Mechanism: (select one and attach documentation) | |
| <input type="checkbox"/> | GUST Trust Fund (<i>Note, if the previous owner was not participating in the GUST Trust Fund, you must apply for Subsequent Election – please call EPD at 404-362-2687</i>) |
| <input type="checkbox"/> | Private Insurance |
| <input type="checkbox"/> | Self-Insured |
| <input type="checkbox"/> | Local Government (e.g., bond rating, financial test, guarantee, or government fund) |
| <input type="checkbox"/> | Federal Government Agency |
| <input type="checkbox"/> | Guarantee |
| <input type="checkbox"/> | Letter of Credit |
| <input type="checkbox"/> | Surety Bond |
| <input type="checkbox"/> | Risk Retention Group |

Note: You must attach a copy of your financial mechanism (e.g. Insurance certificate, financial statement etc.)

| | |
|---|----------------------|
| Deductible Financial Responsibility: If your primary Financial Responsibility Mechanism is provided through participation in GUST Trust Fund by payment of Environmental Assurance Fees, you must also check one of the following boxes indicating how coverage for the GUST Trust Fund \$10,000 deductible is being provided. | |
| <input type="checkbox"/> | Private Insurance |
| <input type="checkbox"/> | Self-Insured |
| <input type="checkbox"/> | Guarantee |
| <input type="checkbox"/> | Letter of Credit |
| <input type="checkbox"/> | Risk Retention Group |
| <input type="checkbox"/> | Surety Bond |

Note: You must attach a copy of your financial mechanism (e.g. Insurance certificate, financial statement etc.)

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 Form)

Location (UST Facility) ID: 4440067

Location (UST Facility) County: DeKalb

PART 6: TANK INFORMATION

Note: If any tanks are compartmentalized, please use IDs of 1A, 1B, etc.

| Tank ID | Compartment Tank? | Tank Status* | Tank Install Date | Permanent Closure Date | Tank Capacity (gallons) | Material of Construction* | Fuel Type* |
|---------|-------------------|--------------|-------------------|------------------------|-------------------------|---------------------------|------------|
| 1 | No | Removed | 2/15/1975 | 3/25/1997 | 1,000 | | Gasoline |
| 2 | No | Removed | 2/15/1984 | 3/25/1997 | 1,000 | | Gasoline |
| 3 | No | Removed | 3/27/1997 | 11/8/2021 | 2,000 | Fiber glass | Gasoline |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*See 7530-Form Addendum for list of options

**Please specify which tanks are manifolded/connected

| Tank ID | Tank Manifold System?** | Emergency Generator (Y/N) | Release Detection Method (Tanks) | | | | |
|---------|-------------------------|---------------------------|---|-------------|--------------|--------------|------------------|
| | | | Interstitial Monitoring (Sensor Models) | ATG (Brand) | SIR (Vendor) | SIR (CITLDS) | Other (describe) |
| 1 | No | | | | | | Manual gauge |
| 2 | No | | | | | | Manual gauge |
| 3 | No | | | | | | Manual gauge |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

*See 7530-Form Addendum for list of options

| Tank ID | Overfill Prevention Equipment | | Spill Prevention Equipment | | Hazardous Substance Stored in Tank | | | |
|---------|------------------------------------|--------------|----------------------------|--------------|------------------------------------|----------------|------------|---------------|
| | Overfill Type (BF, FV, OA, Exempt) | Install Date | SW or DW Spill Bucket? | Install Date | Hazardous ID | Hazardous Name | CAS Number | CERCLA Number |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

*See 7530-Form Addendum for list of options

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 Form)

Location (UST Facility) ID: 4440067

Location (UST Facility) County: DeKalb

PART 7: PIPING INFORMATION

| Piping ID | Piping Status* | Piping Install Date | Permanent Closure Date | Piping Material of Construction* | Pressurized, Safe Suction, Amer. Suction, Gravity | Piping Manifold System?** |
|-----------|----------------|---------------------|------------------------|----------------------------------|---|---------------------------|
| 1 | Unknown | 2/15/1975 | 3/25/1997 | | | No |
| 2 | Unknown | 2/15/1984 | 3/25/1997 | | | No |
| 3 | Unknown | 3/27/1997 | 11/5/2014 | | | No |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

*See 7530-Form Addendum for list of options

**Please specify which piping is manifolded/connected

| Piping ID | Release Detection Type (Piping) | | | | | |
|-----------|--|--------------|-----|--------------|--------------|------------------|
| | Interstitial Monitoring (Visual or Sump Sensor Models) | SIR (Vendor) | LTT | MLLD (Model) | ELLD (Model) | Other (describe) |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

*See 7530-Form Addendum for list of options

PART 8: UNDER-DISPENSER INFORMATION

| Dispenser ID | Under-Dispenser Containment Manufacturer | Under-Dispenser Containment Model |
|--------------|--|-----------------------------------|
| 1 | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

*See 7530-Form Addendum for list of options

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 Form)

Location (UST Facility) ID: 4440067

Location (UST Facility) County: DeKalb

PART 9: CERTIFICATION

Oath of Installation (to be completed by UST system installer at installation):

I certify the information concerning installation of the UST system, release detection, and spill/overfill protection is true to the best of my belief and knowledge.

Company

Company Address

Authorized Representative

Signature

Title

Telephone Number (Include Area Code)

Date

Owner Certification (to be completed by tank owner):

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and the attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.

City of Doraville
Owner Name (Print)

Owner Signature

City Manager
Title

12/6/21
Date

Please indicate the attachments included with this submittal:

☐ Tank, Piping, or Under-Dispenser Containment Installation Documents

(note: under-dispenser containment is only required if any equipment or components connecting the dispenser to the underground piping are installed during dispenser replacement)

☐ Tank or Piping Closure Report (<https://epd.georgia.gov/underground-storage-tank-technical-guidance>)

☐ Documentation required to bring TOU tanks back into use: tank and line tightness testing, leak detector testing, proof of Financial Responsibility, cathodic protection testing (if applicable), IM tank and sump sensor functionality testing (if applicable)

☐ Documentation required to place tanks in TOU status (risers capped and vent lines open, tanks empty [or continue release detection], cathodic protection testing [if applicable])

Please mail completed 7530 package to:
GAEPD UST Program, 4244 International Parkway, Suite 104, Atlanta, GA 30354
or email to epd.atr@dnr.ga.gov

STATE OF GEORGIA
NOTIFICATION DATA FOR UNDERGROUND STORAGE TANKS (7530 FORM)
ADDENDUM

Tank Status: In Use, TOU ("Temporarily Out of Use"), Removed from Ground, Closed in Ground

Fuel Type:

- | | | |
|-------------------------|-----------------------|--------------------------------|
| • Regular | • E-10 | • New Oil |
| • Plus | • E-15 | • Aviation Gas |
| • Premium | • E-85 | • OTR 8332 G (Diesel Additive) |
| • Diesel/Diesel On Road | • Ethanol | • Ultrazol (Fuel Additive) |
| • Diesel Off Road | • Hazardous Substance | • Mixture |
| • Kerosene | • Biodiesel | • Empty |
| • Used Oil | • Jet Fuel | |
| • E-0 (Ethanol Free) | • Racing Fuel | |

Tank Material of Construction:

- | | | |
|-----------------|---------------------------------|------------------------------------|
| • Fiberglass | • Steel-Impressed Current | • Tank Jacket DW |
| • Fiberglass DW | • Galvanic (STIP-3) | • Bare Steel |
| • Composite | • Galvanic (Sacrificial Anodes) | • Lined Interior |
| • Composite DW | • STIP-3 DW | • Lined Interior/Impressed Current |
| • Epoxy | • STIP-3 Impressed Current | |
| • Epoxy DW | • Tank Jacket | |

Piping Status: In Use, TOU (Temporarily Out of Use), Removed from Ground, Closed in Ground

Piping Material of Construction:

- | | | |
|---------------------------------|--|--------------------------------|
| • Fiberglass Reinforced Plastic | • Steel Impressed Current | • Copper |
| • Fiberglass DW | • Steel/Fiberglass Secondary Containment | • Copper/Secondary Containment |
| • Flex | • Galvanized Steel | • Aboveground |
| • Flex DW | • Steel/Sacrificial Anodes | • Bare Steel |

Mail completed 7530 package to:
GAEPD UST Program
4244 International Parkway, Suite 104
Atlanta, GA 30354
or Email to epd.atr@dnr.ga.gov